Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134469.D
Acq On : 25 Jul 2023 18:39
Operator : CG\JU
Sample : 03580-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 26 02:04:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WASTE-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

07/26/2023
Supervised By :mohammad ahmed

07/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	156944	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	700846	20.000	ng	#	0.00
39) Acenaphthene-d10	9.875	164	313344	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	497472	20.000	ng		0.00
76) Chrysene-d12	14.033	240	337749	20.000	ng		0.00
86) Perylene-d12	15.533	264	215339	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	641896	67.574	ng		0.02
7) Phenol-d6	6.487	99	600267	51.577	ng		0.00
23) Nitrobenzene-d5	7.404	82	475459	34.324	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	192426	43.222	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1001486	41.958	ng		0.00
79) Terphenyl-d14	12.963	244	893198	46.165	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	76094	18.886	ng	#	77
3) Pyridine	3.546	79	150681	16.660	ng		98
4) n-Nitrosodimethylamine	3.469	42	135937	25.433	ng		88
6) Aniline	6.504	93	68595	5.001	ng	#	1
8) 2-Chlorophenol	6.628	128	195223	20.286	ng		96
9) Benzaldehyde	6.393	77	28534	4.578	ng		95
10) Phenol	6.498	94	207341	17.123	ng		97
11) bis(2-Chloroethyl)ether	6.575	93	183427	21.699	ng		96
12) 1,3-Dichlorobenzene	6.775	146	211782	20.465	ng		97
13) 1,4-Dichlorobenzene	6.851	146	213515	20.049	ng		98
14) 1,2-Dichlorobenzene	7.004	146	205460	20.539	ng		96
15) Benzyl Alcohol	6.987	79	190385	21.187	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	276572	22.217	ng		83
17) 2-Methylphenol	7.098	107	159407	18.574	ng	#	93
18) Hexachloroethane	7.340	117	75711	18.505	ng		96
19) n-Nitroso-di-n-propyla...	7.251	70	153341	21.165	ng		98
20) 3+4-Methylphenols	7.251	107	206495	18.792	ng	#	85
22) Acetophenone	7.245	105	299442	17.180	ng	#	91
24) Nitrobenzene	7.422	77	228522	16.588	ng		99
25) Isophorone	7.657	82	404386	17.516	ng		99
26) 2-Nitrophenol	7.734	139	97932	15.456	ng		98
27) 2,4-Dimethylphenol	7.775	122	164144	16.416	ng		98
28) bis(2-Chloroethoxy)met...	7.863	93	237570	18.488	ng		99
29) 2,4-Dichlorophenol	7.981	162	177872	17.795	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	213154	19.769	ng		100
31) Naphthalene	8.140	128	707942	20.297	ng		99
32) Benzoic acid	7.916	122	110076	16.481	ng		90
33) 4-Chloroaniline	8.192	127	54030	3.747	ng		94
34) Hexachlorobutadiene	8.245	225	138543	19.180	ng		99
35) Caprolactam	8.569	113	55125m	18.036	ng		
36) 4-Chloro-3-methylphenol	8.681	107	216580	18.778	ng		99
37) 2-Methylnaphthalene	8.828	142	394501	16.278	ng		99
38) 1-Methylnaphthalene	8.928	142	363814	16.182	ng		97
40) 1,2,4,5-Tetrachloroben...	8.992	216	187936	18.926	ng		99
41) Hexachlorocyclopentadiene	8.975	237	36732	20.475	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	125652	19.725	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134469.D
Acq On : 25 Jul 2023 18:39
Operator : CG\JU
Sample : 03580-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 02:04:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	138536	18.666	ng		94
46) 1,1'-Biphenyl	9.292	154	539841	20.903	ng		99
47) 2-Chloronaphthalene	9.322	162	402044	21.117	ng		99
48) 2-Nitroaniline	9.422	65	142647	20.804	ng		99
49) Acenaphthylene	9.734	152	630604	19.605	ng		99
50) Dimethylphthalate	9.592	163	487125	20.971	ng		98
51) 2,6-Dinitrotoluene	9.663	165	96765	18.985	ng		94
52) Acenaphthene	9.910	154	375966	19.787	ng		100
53) 3-Nitroaniline	9.839	138	85253	14.589	ng		97
54) 2,4-Dinitrophenol	9.957	184	6836	8.916	ng		89
55) Dibenzofuran	10.081	168	532662	18.214	ng		99
56) 4-Nitrophenol	10.016	139	111544	35.794	ng		88
57) 2,4-Dinitrotoluene	10.075	165	107504	15.704	ng		91
58) Fluorene	10.422	166	373677	15.839	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	90089	15.799	ng	#	89
60) Diethylphthalate	10.298	149	433980	18.046	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	188932	16.764	ng		98
62) 4-Nitroaniline	10.457	138	73587	12.274	ng		99
63) Azobenzene	10.575	77	352107	15.907	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	6012	2.107	ng	#	75
66) n-Nitrosodiphenylamine	10.533	169	320690	20.262	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	128905	23.650	ng		92
68) Hexachlorobenzene	10.975	284	139465	22.723	ng		96
69) Atrazine	11.069	200	100889	22.863	ng		96
70) Pentachlorophenol	11.181	266	112374	43.627	ng		100
71) Phenanthrene	11.392	178	523163	20.128	ng		99
72) Anthracene	11.445	178	531589	19.816	ng		98
73) Carbazole	11.604	167	471875	18.679	ng		99
74) Di-n-butylphthalate	11.928	149	624176	21.524	ng		99
75) Fluoranthene	12.586	202	552187	18.229	ng		99
77) Benzidine	12.716	184	133811	18.555	ng		99
78) Pyrene	12.822	202	549047	20.445	ng		99
80) Butylbenzylphthalate	13.439	149	245205	22.794	ng		94
81) Benzo(a)anthracene	14.022	228	454623	19.293	ng		98
82) 3,3'-Dichlorobenzidine	13.980	252	117453	15.737	ng		100
83) Chrysene	14.057	228	432299	19.180	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	309089	23.651	ng		98
85) Di-n-octyl phthalate	14.616	149	553171	30.458	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	276563	19.659	ng		97
88) Benzo(b)fluoranthene	15.086	252	346299	25.706	ng		99
89) Benzo(k)fluoranthene	15.121	252	298359	22.520	ng		99
90) Benzo(a)pyrene	15.468	252	245448	19.711	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	238397	20.983	ng		98
92) Benzo(g,h,i)perylene	17.551	276	220991	18.944	ng		97

07/26/2023
Supervised By :mohammad ahmed

07/26/2023

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
Data File : BF134469.D
Acq On : 25 Jul 2023 18:39
Operator : CG\JU
Sample : 03580-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 26 02:04:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WASTE-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023