Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
Data File : BF136379.D
Acq On : 04 Dec 2023 13:42
Operator : CG\JU
Sample : 05388-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 04 14:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:30:53 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	135797	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	567359	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	300311	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	585491	20.000	ng		0.00
76) Chrysene-d12	13.980	240	310736	20.000	ng		0.00
86) Perylene-d12	15.462	264	295014	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	898677	92.110	ng		0.00
7) Phenol-d6	6.445	99	1122848	92.042	ng		0.00
23) Nitrobenzene-d5	7.363	82	713097	66.417	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	396226	107.918	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1461007	62.141	ng		0.00
79) Terphenyl-d14	12.927	244	1696431	62.974	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	136331	36.930	ng		97
3) Pyridine	3.410	79	320895	35.213	ng		92
4) n-Nitrosodimethylamine	3.375	42	166910	36.234	ng		92
6) Aniline	6.469	93	357976	31.046	ng		96
8) 2-Chlorophenol	6.587	128	438951	41.320	ng		96
9) Benzaldehyde	6.351	77	44473	6.541	ng		97
10) Phenol	6.457	94	521269	39.829	ng		99
11) bis(2-Chloroethyl)ether	6.545	93	397437	41.394	ng		95
12) 1,3-Dichlorobenzene	6.745	146	465860	38.642	ng		98
13) 1,4-Dichlorobenzene	6.822	146	477236	38.940	ng		97
14) 1,2-Dichlorobenzene	6.969	146	445910	38.432	ng		96
15) Benzyl Alcohol	6.945	79	358570	41.922	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	530236	39.759	ng		96
17) 2-Methylphenol	7.057	107	336572	40.299	ng		96
18) Hexachloroethane	7.310	117	166484	38.727	ng		94
19) n-Nitroso-di-n-propyla...	7.216	70	290586	39.827	ng		95
20) 3+4-Methylphenols	7.210	107	424426	39.102	ng		96
22) Acetophenone	7.210	105	609408	40.898	ng	#	95
24) Nitrobenzene	7.381	77	433854	39.875	ng		97
25) Isophorone	7.622	82	820716	42.393	ng		96
26) 2-Nitrophenol	7.698	139	227628	49.102	ng		95
27) 2,4-Dimethylphenol	7.739	122	302977	49.654	ng		91
28) bis(2-Chloroethoxy)met...	7.834	93	507105	43.304	ng		98
29) 2,4-Dichlorophenol	7.939	162	368700	44.798	ng		95
30) 1,2,4-Trichlorobenzene	8.022	180	412047	40.892	ng		99
31) Naphthalene	8.104	128	1314660	41.225	ng		98
32) Benzoic acid	7.875	122	278042	49.999	ng		96
33) 4-Chloroaniline	8.151	127	279094	25.747	ng		97
34) Hexachlorobutadiene	8.216	225	231449	39.261	ng		98
35) Caprolactam	8.534	113	120818m	52.512	ng		
36) 4-Chloro-3-methylphenol	8.639	107	395235	44.278	ng		97
37) 2-Methylnaphthalene	8.792	142	838116	41.897	ng		96
38) 1-Methylnaphthalene	8.892	142	798166	40.901	ng		94
40) 1,2,4,5-Tetrachloroben...	8.957	216	406599	42.543	ng		98
41) Hexachlorocyclopentadiene	8.945	237	357473	97.204	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	274702	44.282	ng		91

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
Data File : BF136379.D
Acq On : 04 Dec 2023 13:42
Operator : CG\JU
Sample : 05388-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 04 14:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:30:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	293544	43.361	ng		99
46) 1,1'-Biphenyl	9.263	154	1121736	42.357	ng		97
47) 2-Chloronaphthalene	9.286	162	837383	40.716	ng		97
48) 2-Nitroaniline	9.386	65	241585	44.992	ng	#	79
49) Acenaphthylene	9.704	152	1308745	44.592	ng		99
50) Dimethylphthalate	9.569	163	1004752	44.266	ng		99
51) 2,6-Dinitrotoluene	9.628	165	217649	46.937	ng		100
52) Acenaphthene	9.875	154	779016	42.002	ng		95
53) 3-Nitroaniline	9.798	138	173443	37.696	ng		96
54) 2,4-Dinitrophenol	9.910	184	249011	115.463	ng	#	86
55) Dibenzofuran	10.045	168	1167921	42.317	ng		98
56) 4-Nitrophenol	9.969	139	356461	102.007	ng		90
57) 2,4-Dinitrotoluene	10.033	165	293144	47.327	ng		91
58) Fluorene	10.392	166	922711	42.623	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.163	232	250961	46.592	ng		98
60) Diethylphthalate	10.269	149	998954	43.997	ng		98
61) 4-Chlorophenyl-phenyle...	10.380	204	444474	42.278	ng		94
62) 4-Nitroaniline	10.422	138	214738	47.680	ng		93
63) Azobenzene	10.545	77	883881	41.991	ng		95
65) 4,6-Dinitro-2-methylph...	10.445	198	157873	49.308	ng		87
66) n-Nitrosodiphenylamine	10.504	169	828356	44.149	ng		98
67) 4-Bromophenyl-phenylether	10.875	248	291176	42.628	ng		97
68) Hexachlorobenzene	10.939	284	332654	42.078	ng		98
69) Atrazine	11.039	200	273176	49.080	ng		98
70) Pentachlorophenol	11.133	266	362791	81.185	ng		97
71) Phenanthrene	11.357	178	1441703	43.811	ng		98
72) Anthracene	11.410	178	1417863	42.965	ng		99
73) Carbazole	11.563	167	1224536	43.629	ng		99
74) Di-n-butylphthalate	11.898	149	1676140	47.729	ng		98
75) Fluoranthene	12.551	202	1425545	42.673	ng		97
77) Benzidine	12.669	184	120310	23.553	ng		97
78) Pyrene	12.780	202	1407085	41.347	ng		98
80) Butylbenzylphthalate	13.404	149	572444	54.049	ng		97
81) Benzo(a)anthracene	13.974	228	954303	41.347	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	269139	48.443	ng		96
83) Chrysene	14.010	228	935968	42.000	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	788493	62.033	ng	#	98
85) Di-n-octyl phthalate	14.586	149	1240531	58.791	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	967133	44.089	ng		99
88) Benzo(b)fluoranthene	15.027	252	823141	39.770	ng		98
89) Benzo(k)fluoranthene	15.057	252	796018	40.493	ng		97
90) Benzo(a)pyrene	15.398	252	713024	42.141	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	801171	45.421	ng		99
92) Benzo(g,h,i)perylene	17.433	276	774454	43.781	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
Data File : BF136379.D
Acq On : 04 Dec 2023 13:42
Operator : CG\JU
Sample : 05388-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 04 14:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:30:53 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023