Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
Data File : BF125787.D
Acq On : 8 Oct 2021 17:35
Operator : JU/CG
Sample : M4087-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCKMSD

Manual Integrations APPROVED
mohammad
10/11/2021 2:11:17 PM

Quant Time: Oct 08 19:04:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	216912	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	874078	20.00	ng		# 0.00
39) Acenaphthene-d10	9.881	164	436253	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	660256	20.00	ng		0.00
76) Chrysene-d12	13.992	240	390135	20.00	ng		0.00
86) Perylene-d12	15.445	264	491041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1440002	108.45	ng		0.02
7) Phenol-d6	6.475	99	1673744	97.92	ng		0.00
23) Nitrobenzene-d5	7.404	82	1110703	78.99	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	468980	108.88	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	2107699	83.33	ng		0.00
79) Terphenyl-d14	12.939	244	1682129	65.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	253676	44.87	ng	#	100
3) Pyridine	3.481	79	469482	32.10	ng	#	71
4) n-Nitrosodimethylamine	3.422	42	255350	48.50	ng	#	1
6) Aniline	6.510	93	495877	25.20	ng		93
8) 2-Chlorophenol	6.628	128	705108	48.48	ng		97
9) Benzaldehyde	6.393	77	156369	16.86	ng		93
10) Phenol	6.487	94	756481	45.51	ng		90
11) bis(2-Chloroethyl)ether	6.581	93	665784	49.43	ng		98
12) 1,3-Dichlorobenzene	6.787	146	725719	45.74	ng		97
13) 1,4-Dichlorobenzene	6.863	146	740067	45.74	ng		99
14) 1,2-Dichlorobenzene	7.016	146	708309	46.74	ng		99
15) Benzyl Alcohol	6.987	79	532679	47.02	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	831489	48.27	ng		87
17) 2-Methylphenol	7.092	107	538763	46.53	ng		97
18) Hexachloroethane	7.357	117	261545	46.94	ng		93
19) n-Nitroso-di-n-propyla...	7.257	70	428091	47.44	ng	#	69
20) 3+4-Methylphenols	7.245	107	638070	44.69	ng		93
22) Acetophenone	7.257	105	885413	46.08	ng	#	89
24) Nitrobenzene	7.428	77	661712	48.56	ng	#	98
25) Isophorone	7.663	82	1174177	47.13	ng		93
26) 2-Nitrophenol	7.739	139	362417	52.59	ng	#	91
27) 2,4-Dimethylphenol	7.775	122	602361	52.49	ng		94
28) bis(2-Chloroethoxy)met...	7.875	93	778235	45.01	ng		98
29) 2,4-Dichlorophenol	7.981	162	574801	46.50	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	606482	44.74	ng		96
31) Naphthalene	8.145	128	1944989	46.02	ng		99
32) Benzoic acid	7.881	122	316104	39.17	ng		95
33) 4-Chloroaniline	8.187	127	137886	7.80	ng		99
34) Hexachlorobutadiene	8.269	225	338940	44.76	ng		100
35) Caprolactam	8.557	113	146503m	41.02	ng		
36) 4-Chloro-3-methylphenol	8.675	107	559374	46.31	ng		97
37) 2-Methylnaphthalene	8.839	142	1315151	48.05	ng		98
38) 1-Methylnaphthalene	8.939	142	1222737	46.04	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	531810	45.42	ng		99
41) Hexachlorocyclopentadiene	8.992	237	622608	108.35	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	399745	47.11	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
Data File : BF125787.D
Acq On : 8 Oct 2021 17:35
Operator : JU/CG
Sample : M4087-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCKMSD

Manual Integrations APPROVED
mohammad
10/11/2021 2:11:17 PM

Quant Time: Oct 08 19:04:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	431695	47.84	ng		92
46) 1,1'-Biphenyl	9.304	154	1481711	46.20	ng		98
47) 2-Chloronaphthalene	9.328	162	1241998	47.69	ng		97
48) 2-Nitroaniline	9.416	65	311279	49.79	ng		95
49) Acenaphthylene	9.739	152	1821571	47.76	ng		97
50) Dimethylphthalate	9.604	163	1351359	47.06	ng	#	98
51) 2,6-Dinitrotoluene	9.657	165	301645	51.96	ng		97
52) Acenaphthene	9.916	154	1204156	50.54	ng		98
53) 3-Nitroaniline	9.828	138	195577	28.49	ng		96
54) 2,4-Dinitrophenol	9.933	184	255944	103.87	ng	#	71
55) Dibenzofuran	10.086	168	1627563	45.60	ng		95
56) 4-Nitrophenol	9.986	139	452385	88.42	ng	#	83
57) 2,4-Dinitrotoluene	10.063	165	380137	51.79	ng	#	82
58) Fluorene	10.428	166	1204955	46.09	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	309250	45.41	ng	#	90
60) Diethylphthalate	10.298	149	1254329	45.78	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	561677	44.61	ng		91
62) 4-Nitroaniline	10.439	138	282913	44.61	ng	#	76
63) Azobenzene	10.580	77	1169833	45.42	ng	#	83
65) 4,6-Dinitro-2-methylph...	10.469	198	167278	50.79	ng	#	72
66) n-Nitrosodiphenylamine	10.539	169	1084538	48.15	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	350642	47.95	ng		93
68) Hexachlorobenzene	10.975	284	404944	48.87	ng	#	87
69) Atrazine	11.063	200	308548	47.20	ng		93
70) Pentachlorophenol	11.163	266	405536	91.55	ng		94
71) Phenanthrene	11.386	178	1667301	47.20	ng		97
72) Anthracene	11.439	178	1706844	48.38	ng		97
73) Carbazole	11.586	167	1456478	44.36	ng		99
74) Di-n-butylphthalate	11.922	149	1765978	48.71	ng		99
75) Fluoranthene	12.569	202	1525728	47.86	ng		96
77) Benzidine	12.686	184	227544	15.94	ng		98
78) Pyrene	12.798	202	1495437	37.73	ng		97
80) Butylbenzylphthalate	13.416	149	592112	46.61	ng		97
81) Benzo(a)anthracene	13.986	228	1158833	45.78	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	318692	39.85	ng		99
83) Chrysene	14.021	228	1204293	48.14	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	763640	55.24	ng	#	100
85) Di-n-octyl phthalate	14.586	149	1421046	61.70	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.898	276	1648222	43.98	ng		97
88) Benzo(b)fluoranthene	15.027	252	1446461	52.18	ng		98
89) Benzo(k)fluoranthene	15.057	252	1415416	49.73	ng	#	97
90) Benzo(a)pyrene	15.386	252	1464430	59.65	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	1376202	44.52	ng		97
92) Benzo(g,h,i)perylene	17.345	276	1386881	43.93	ng		92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
Data File : BF125787.D
Acq On : 8 Oct 2021 17:35
Operator : JU/CG
Sample : M4087-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 08 19:04:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-20211005-ROCKMSD

Manual Integrations APPROVED
mohammad
10/11/2021 2:11:17 PM