Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
Data File : BP008792.D
Acq On : 13 Jan 2022 16:17
Operator : CG/JU
Sample : N1118-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

Quant Time: Jan 13 23:26:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	365686	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1355195	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	806964	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	1555415	20.000	ng		0.00
76) Chrysene-d12	21.345	240	1306689	20.000	ng		0.00
86) Perylene-d12	23.769	264	1289347	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	2681868	114.845	ng		0.00
7) Phenol-d6	7.046	99	3225339	102.886	ng		0.00
23) Nitrobenzene-d5	9.022	82	1972194	82.417	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1376636	101.117	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	4716731	82.175	ng		0.00
79) Terphenyl-d14	19.816	244	5933690	92.539	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	345345	39.211	ng		97
3) Pyridine	3.752	79	863462	41.678	ng		97
4) n-Nitrosodimethylamine	3.658	42	404502	43.818	ng	#	86
6) Aniline	7.187	93	890535	22.613	ng		98
8) 2-Chlorophenol	7.428	128	1096520	41.548	ng		98
9) Benzaldehyde	6.999	77	596374	28.109	ng		99
10) Phenol	7.069	94	1323539	41.259	ng		96
11) bis(2-Chloroethyl)ether	7.287	93	982110	39.498	ng		99
12) 1,3-Dichlorobenzene	7.752	146	1223082	41.021	ng		98
13) 1,4-Dichlorobenzene	7.899	146	1251895	41.087	ng		98
14) 1,2-Dichlorobenzene	8.216	146	1196018	40.480	ng		99
15) Benzyl Alcohol	8.105	79	869592	37.340	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1075746	37.958	ng		99
17) 2-Methylphenol	8.316	107	841554	38.053	ng		98
18) Hexachloroethane	8.946	117	430016	41.958	ng		97
19) n-Nitroso-di-n-propyla...	8.675	70	700716	34.427	ng		96
20) 3+4-Methylphenols	8.646	107	1115255	36.345	ng		99
22) Acetophenone	8.687	105	1514387	42.351	ng	#	97
24) Nitrobenzene	9.063	77	1059575	43.741	ng		96
25) Isophorone	9.599	82	1869058	39.715	ng		98
26) 2-Nitrophenol	9.775	139	572069	45.284	ng		94
27) 2,4-Dimethylphenol	9.846	122	911563	40.284	ng		99
28) bis(2-Chloroethoxy)met...	10.075	93	1212911	41.334	ng		100
29) 2,4-Dichlorophenol	10.322	162	1027559	42.361	ng		100
30) 1,2,4-Trichlorobenzene	10.528	180	1171706	44.338	ng		100
31) Naphthalene	10.716	128	3157589	43.093	ng		99
32) Benzoic acid	10.022	122	589179	38.944	ng		97
33) 4-Chloroaniline	10.828	127	326247	9.921	ng		98
34) Hexachlorobutadiene	11.004	225	732468	45.844	ng		99
35) Caprolactam	11.628	113	284159	32.964	ng		92
36) 4-Chloro-3-methylphenol	11.963	107	932411	37.950	ng		99
37) 2-Methylnaphthalene	12.328	142	2317149	40.194	ng		99
38) 1-Methylnaphthalene	12.546	142	2114502	39.492	ng		99
40) 1,2,4,5-Tetrachloroben...	12.699	216	1316900	49.094	ng		99
41) Hexachlorocyclopentadiene	12.681	237	1469120	92.123	ng		99
43) 2,4,6-Trichlorophenol	12.940	196	816222	45.702	ng		98

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44) 2,4,5-Trichlorophenol	13.016	196	875358	44.588	ng	98
46) 1,1'-Biphenyl	13.334	154	2901062	46.118	ng	100
47) 2-Chloronaphthalene	13.375	162	2222000	46.022	ng	99
48) 2-Nitroaniline	13.581	65	524063	44.468	ng	96
49) Acenaphthylene	14.222	152	3409399	44.449	ng	100
50) Dimethylphthalate	13.963	163	2628745	40.992	ng	100
51) 2,6-Dinitrotoluene	14.075	165	581424	41.924	ng	92
52) Acenaphthene	14.569	154	2033623	44.266	ng	100
53) 3-Nitroaniline	14.404	138	293602	20.743	ng	97
54) 2,4-Dinitrophenol	14.622	184	562381	79.516	ng	94
55) Dibenzofuran	14.904	168	3253358	42.940	ng	99
56) 4-Nitrophenol	14.734	139	893835	75.839	ng	95
57) 2,4-Dinitrotoluene	14.869	165	773227	40.847	ng	92
58) Fluorene	15.551	166	2610775	42.808	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	724109m	41.045	ng	
60) Diethylphthalate	15.328	149	2534136	40.753	ng	98
61) 4-Chlorophenyl-phenyle...	15.545	204	1390701	42.502	ng	98
62) 4-Nitroaniline	15.569	138	544486	37.050	ng	90
63) Azobenzene	15.840	77	2156677	44.246	ng	95
65) 4,6-Dinitro-2-methylph...	15.640	198	376121	43.583	ng	94
66) n-Nitrosodiphenylamine	15.763	169	2230397	47.317	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	866198	47.068	ng	100
68) Hexachlorobenzene	16.563	284	964265	45.034	ng	96
69) Atrazine	16.722	200	814892	42.590	ng	99
70) Pentachlorophenol	16.910	266	1086057	81.250	ng	100
71) Phenanthrene	17.298	178	3963260	45.860	ng	99
72) Anthracene	17.392	178	3994955	45.266	ng	99
73) Carbazole	17.663	167	3429352	42.398	ng	99
74) Di-n-butylphthalate	18.216	149	4192825	45.275	ng	99
75) Fluoranthene	19.269	202	4454400	43.044	ng	97
77) Benzidine	19.445	184	1221145	21.841	ng	98
78) Pyrene	19.622	202	4517759	52.876	ng	99
80) Butylbenzylphthalate	20.492	149	1739498	49.793	ng	99
81) Benzo(a)anthracene	21.333	228	3952461	46.106	ng	99
82) 3,3'-Dichlorobenzidine	21.263	252	1150236	29.535	ng	99
83) Chrysene	21.386	228	3807674	46.045	ng	97
84) Bis(2-ethylhexyl)phtha...	21.257	149	2566525	50.319	ng	97
85) Di-n-octyl phthalate	22.186	149	4152345	45.867	ng	99
87) Indeno(1,2,3-cd)pyrene	26.310	276	4667367	45.303	ng	98
88) Benzo(b)fluoranthene	23.033	252	3899271	46.285	ng	99
89) Benzo(k)fluoranthene	23.080	252	3760452	47.695	ng	98
90) Benzo(a)pyrene	23.663	252	3726518	45.766	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	3919078	45.020	ng	99
92) Benzo(g,h,i)perylene	27.086	276	3874442	44.837	ng	99

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

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