Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008855.D
Acq On : 19 Jan 2022 15:55
Operator : CG/JU
Sample : N1154-09MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220028-KEANSBURG-2-COMP-SPLP-LEACHATEMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022

Quant Time: Jan 20 05:29:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	319088	20.000	ng		-0.01
21) Naphthalene-d8	10.651	136	1159274	20.000	ng		0.00
39) Acenaphthene-d10	14.487	164	673910	20.000	ng		-0.01
64) Phenanthrene-d10	17.245	188	1246712	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1092053	20.000	ng		-0.01
86) Perylene-d12	23.751	264	1233402	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	876978	42.502	ng		0.00
7) Phenol-d6	7.022	99	614073	24.576	ng		-0.01
23) Nitrobenzene-d5	9.010	82	1631335	79.892	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	1051195	107.161	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	4052660	79.304	ng		-0.01
79) Terphenyl-d14	19.804	244	4562424	70.519	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	114466	13.706	ng	#	93
3) Pyridine	3.746	79	172155	9.842	ng		96
4) n-Nitrosodimethylamine	3.646	42	135787	16.546	ng		78
6) Aniline	7.175	93	520424	16.687	ng		97
8) 2-Chlorophenol	7.416	128	724969	32.989	ng		99
9) Benzaldehyde	6.987	77	338842m	20.290	ng		
10) Phenol	7.052	94	293908	11.538	ng		94
11) bis(2-Chloroethyl)ether	7.269	93	858997	42.383	ng		97
12) 1,3-Dichlorobenzene	7.740	146	1028079	39.284	ng		98
13) 1,4-Dichlorobenzene	7.881	146	1053143	39.706	ng		99
14) 1,2-Dichlorobenzene	8.199	146	1008396	39.873	ng		98
15) Benzyl Alcohol	8.093	79	409184	23.343	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	948474	41.847	ng		99
17) 2-Methylphenol	8.299	107	435862	25.540	ng		96
18) Hexachloroethane	8.928	117	359141	39.894	ng		99
19) n-Nitroso-di-n-propyla...	8.663	70	615578	42.145	ng		96
20) 3+4-Methylphenols	8.628	107	502946	22.200	ng		99
22) Acetophenone	8.675	105	1317400	44.610	ng	#	96
24) Nitrobenzene	9.052	77	904391	43.848	ng		96
25) Isophorone	9.581	82	1611602	43.673	ng		98
26) 2-Nitrophenol	9.763	139	461696	42.579	ng		95
27) 2,4-Dimethylphenol	9.834	122	683088	36.947	ng		99
28) bis(2-Chloroethoxy)met...	10.063	93	1046062	43.441	ng		99
29) 2,4-Dichlorophenol	10.304	162	793455	39.328	ng		100
30) 1,2,4-Trichlorobenzene	10.516	180	990124	41.897	ng		99
31) Naphthalene	10.699	128	2660499	42.254	ng		99
32) Benzoic acid	9.957	122	122711	11.565	ng		98
33) 4-Chloroaniline	10.810	127	363050	14.149	ng		99
34) Hexachlorobutadiene	10.993	225	617271	41.806	ng		100
35) Caprolactam	11.610	113	23458m	4.218	ng		
36) 4-Chloro-3-methylphenol	11.946	107	639798	35.151	ng		99
37) 2-Methylnaphthalene	12.310	142	1951378	42.394	ng		98
38) 1-Methylnaphthalene	12.528	142	1771653	41.933	ng		99
40) 1,2,4,5-Tetrachloroben...	12.681	216	1125997	45.826	ng		99
41) Hexachlorocyclopentadiene	12.663	237	1011738	80.470	ng		100
43) 2,4,6-Trichlorophenol	12.928	196	662506	43.608	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.998	196	700270	42.827	ng		97
46) 1,1'-Biphenyl	13.322	154	2467549	45.004	ng		99
47) 2-Chloronaphthalene	13.363	162	1876270	44.380	ng		99
48) 2-Nitroaniline	13.569	65	403736	43.010	ng		97
49) Acenaphthylene	14.210	152	2772169	43.401	ng		100
50) Dimethylphthalate	13.951	163	2294208	45.838	ng		99
51) 2,6-Dinitrotoluene	14.063	165	473515	44.608	ng		90
52) Acenaphthene	14.551	154	1683569	44.440	ng		99
53) 3-Nitroaniline	14.398	138	78153	7.486	ng		99
54) 2,4-Dinitrophenol	14.610	184	434679	101.253	ng		93
55) Dibenzofuran	14.887	168	2703739	43.799	ng		97
56) 4-Nitrophenol	14.722	139	210426	27.992	ng		87
57) 2,4-Dinitrotoluene	14.857	165	617457	45.223	ng	#	90
58) Fluorene	15.539	166	2157698	44.253	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.122	232	582690	43.261	ng	#	86
60) Diethylphthalate	15.316	149	2112157	44.476	ng		98
61) 4-Chlorophenyl-phenyle...	15.534	204	1172108	44.129	ng		98
62) 4-Nitroaniline	15.557	138	317185	31.372	ng		88
63) Azobenzene	15.828	77	1793217	45.481	ng		94
65) 4,6-Dinitro-2-methylph...	15.628	198	278977	44.789	ng		96
66) n-Nitrosodiphenylamine	15.751	169	1832123	45.661	ng		100
67) 4-Bromophenyl-phenylether	16.434	248	713180	45.812	ng		99
68) Hexachlorobenzene	16.551	284	783016	43.893	ng		96
69) Atrazine	16.710	200	634859	42.577	ng		99
70) Pentachlorophenol	16.898	266	920285	96.849	ng		99
71) Phenanthrene	17.286	178	3133807	44.645	ng		99
72) Anthracene	17.381	178	3154977	44.805	ng		99
73) Carbazole	17.651	167	2730179	45.092	ng		99
74) Di-n-butylphthalate	18.204	149	3442919	47.251	ng		99
75) Fluoranthene	19.257	202	3417330	43.779	ng		97
77) Benzidine	19.433	184	678988	17.600	ng		98
78) Pyrene	19.610	202	3462221	45.437	ng		98
80) Butylbenzylphthalate	20.480	149	1394865	45.515	ng		97
81) Benzo(a)anthracene	21.321	228	3268387	44.487	ng		97
82) 3,3'-Dichlorobenzidine	21.251	252	1111275	35.012	ng		98
83) Chrysene	21.374	228	3168845	44.494	ng		98
84) Bis(2-ethylhexyl)phtha...	21.251	149	2126224	44.801	ng		98
85) Di-n-octyl phthalate	22.174	149	3488527	43.453	ng		99
87) Indeno(1,2,3-cd)pyrene	26.280	276	4872253	47.939	ng		98
88) Benzo(b)fluoranthene	23.016	252	3639521	44.185	ng		99
89) Benzo(k)fluoranthene	23.068	252	3597779	45.123	ng		98
90) Benzo(a)pyrene	23.651	252	3613196	45.446	ng		98
91) Dibenzo(a,h)anthracene	26.292	278	4125700	47.739	ng		99
92) Benzo(g,h,i)perylene	27.056	276	4048789	47.983	ng		99

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

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