Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008910.D
Acq On : 25 Jan 2022 16:36
Operator : CG/JU
Sample : N1210-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220027-KEANSBURG-1-COMP-SPLP-LEACHATEMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

Quant Time: Jan 26 01:57:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	247919	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	872526	20.000	ng		0.00
39) Acenaphthene-d10	14.475	164	515777	20.000	ng		0.00
64) Phenanthrene-d10	17.234	188	995606	20.000	ng		0.00
76) Chrysene-d12	21.327	240	917508	20.000	ng		0.00
86) Perylene-d12	23.739	264	981844	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	795625	49.628	ng		0.00
7) Phenol-d6	7.016	99	578646	29.806	ng		0.00
23) Nitrobenzene-d5	8.999	82	1387458	90.279	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	891070	118.688	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	3437807	87.898	ng		0.00
79) Terphenyl-d14	19.798	244	4666343	85.847	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	105938	16.326	ng		96
3) Pyridine	3.734	79	200057	14.720	ng		97
4) n-Nitrosodimethylamine	3.640	42	119185	18.692	ng		85
6) Aniline	7.163	93	444287	18.336	ng		99
8) 2-Chlorophenol	7.405	128	558697	32.721	ng		98
9) Benzaldehyde	6.975	77	418647m	32.265	ng		
10) Phenol	7.040	94	260634	13.169	ng		94
11) bis(2-Chloroethyl)ether	7.258	93	661632	42.016	ng		98
12) 1,3-Dichlorobenzene	7.728	146	734741	36.135	ng		98
13) 1,4-Dichlorobenzene	7.869	146	751946	36.489	ng		98
14) 1,2-Dichlorobenzene	8.187	146	727586	37.028	ng		99
15) Benzyl Alcohol	8.081	79	358976	26.357	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.369	45	711848	40.422	ng		99
17) 2-Methylphenol	8.293	107	348674	26.296	ng		97
18) Hexachloroethane	8.916	117	248072	35.467	ng		97
19) n-Nitroso-di-n-propyla...	8.646	70	471050	41.508	ng		96
20) 3+4-Methylphenols	8.622	107	404428	22.976	ng		95
22) Acetophenone	8.658	105	1002706	45.112	ng	#	97
24) Nitrobenzene	9.040	77	703511	45.318	ng		97
25) Isophorone	9.569	82	1275065	45.909	ng		99
26) 2-Nitrophenol	9.752	139	349433	42.816	ng		94
27) 2,4-Dimethylphenol	9.822	122	522640	37.559	ng		99
28) bis(2-Chloroethoxy)met...	10.052	93	799400	44.108	ng		99
29) 2,4-Dichlorophenol	10.299	162	591502	38.953	ng		99
30) 1,2,4-Trichlorobenzene	10.504	180	699295	39.315	ng		98
31) Naphthalene	10.687	128	1965414	41.473	ng		99
32) Benzoic acid	9.946	122	106948	13.392	ng		98
33) 4-Chloroaniline	10.804	127	320815	16.612	ng		99
34) Hexachlorobutadiene	10.975	225	415382	37.378	ng		98
35) Caprolactam	11.599	113	26560	6.345	ng		94
36) 4-Chloro-3-methylphenol	11.940	107	495002	36.134	ng		99
37) 2-Methylnaphthalene	12.298	142	1428998	41.248	ng		98
38) 1-Methylnaphthalene	12.522	142	1332081	41.891	ng		99
40) 1,2,4,5-Tetrachloroben...	12.675	216	814834	43.329	ng		99
41) Hexachlorocyclopentadiene	12.651	237	701745	72.926	ng		100
43) 2,4,6-Trichlorophenol	12.916	196	505956	43.514	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	527863	42.180	ng		97
46) 1,1'-Biphenyl	13.310	154	1843706	43.936	ng		99
47) 2-Chloronaphthalene	13.351	162	1431291	44.234	ng		99
48) 2-Nitroaniline	13.557	65	325641	45.326	ng		97
49) Acenaphthylene	14.198	152	2246714	45.959	ng		100
50) Dimethylphthalate	13.940	163	1787154	46.655	ng		100
51) 2,6-Dinitrotoluene	14.057	165	380912	46.886	ng		95
52) Acenaphthene	14.545	154	1318250	45.466	ng		99
53) 3-Nitroaniline	14.387	138	76129	9.528	ng		96
54) 2,4-Dinitrophenol	14.604	184	296148	90.134	ng		94
55) Dibenzofuran	14.881	168	2138484	45.263	ng		99
56) 4-Nitrophenol	14.722	139	190508	33.112	ng		92
57) 2,4-Dinitrotoluene	14.851	165	508594	48.670	ng		93
58) Fluorene	15.528	166	1708067	45.772	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	440190	42.701	ng	#	87
60) Diethylphthalate	15.304	149	1679094	46.197	ng		98
61) 4-Chlorophenyl-phenyle...	15.522	204	909158	44.724	ng		98
62) 4-Nitroaniline	15.551	138	258840	33.450	ng		89
63) Azobenzene	15.816	77	1407220	46.634	ng		93
65) 4,6-Dinitro-2-methylph...	15.622	198	193465	38.894	ng		96
66) n-Nitrosodiphenylamine	15.739	169	1473495	45.985	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	564382	45.397	ng		99
68) Hexachlorobenzene	16.545	284	637639	44.759	ng		98
69) Atrazine	16.698	200	537481	45.138	ng		98
70) Pentachlorophenol	16.892	266	701577	92.454	ng		100
71) Phenanthrene	17.281	178	2606880	46.505	ng		99
72) Anthracene	17.369	178	2640517	46.956	ng		99
73) Carbazole	17.639	167	2361492	48.839	ng		99
74) Di-n-butylphthalate	18.192	149	2832603	48.680	ng		99
75) Fluoranthene	19.245	202	2980031	47.805	ng		97
77) Benzidine	19.428	184	375897	11.597	ng		99
78) Pyrene	19.598	202	3024790	47.248	ng		98
80) Butylbenzylphthalate	20.475	149	1196284	46.462	ng		99
81) Benzo(a)anthracene	21.316	228	2885979	46.755	ng		97
82) 3,3'-Dichlorobenzidine	21.245	252	856054	32.102	ng		99
83) Chrysene	21.369	228	2667556	44.581	ng		97
84) Bis(2-ethylhexyl)phtha...	21.239	149	1751992	43.939	ng		97
85) Di-n-octyl phthalate	22.169	149	2870345	42.554	ng		99
87) Indeno(1,2,3-cd)pyrene	26.274	276	3925950	48.525	ng		98
88) Benzo(b)fluoranthene	23.010	252	3029216	46.198	ng		99
89) Benzo(k)fluoranthene	23.057	252	2818502	44.406	ng		98
90) Benzo(a)pyrene	23.639	252	2866529	45.292	ng		99
91) Dibenzo(a,h)anthracene	26.280	278	3402182	49.453	ng		98
92) Benzo(g,h,i)perylene	27.039	276	3351558	49.897	ng		99

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

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