Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053240.D
Acq On : 21 Apr 2022 14:10
Operator : CG/JU
Sample : N2434-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

Quant Time: Apr 22 02:56:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	31814	20.000	ng		-0.01
21) Naphthalene-d8	10.924	136	126733	20.000	ng		#-0.01
39) Acenaphthene-d10	14.736	164	95015	20.000	ng		-0.01
64) Phenanthrene-d10	17.479	188	227002	20.000	ng		-0.01
76) Chrysene-d12	21.768	240	219871	20.000	ng		0.00
86) Perylene-d12	25.063	264	224847	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	283894	152.966	ng		0.00
7) Phenol-d6	7.276	99	387541	135.408	ng		0.00
23) Nitrobenzene-d5	9.279	82	295296	94.609	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	211530	139.933	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	636607	92.388	ng		0.00
79) Terphenyl-d14	20.088	244	1222537	93.907	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	37832	42.685	ng	#	39
3) Pyridine	3.980	79	85397	36.532	ng		94
4) n-Nitrosodimethylamine	3.874	42	56414	48.734	ng		90
6) Aniline	7.434	93	103537	31.215	ng		97
8) 2-Chlorophenol	7.681	128	105836	52.822	ng		94
9) Benzaldehyde	7.246	77	68998m	40.331	ng		
10) Phenol	7.305	94	135576	47.590	ng		88
11) bis(2-Chloroethyl)ether	7.522	93	100524	48.950	ng		91
12) 1,3-Dichlorobenzene	8.004	146	113044	48.553	ng		94
13) 1,4-Dichlorobenzene	8.151	146	114066	48.056	ng		97
14) 1,2-Dichlorobenzene	8.468	146	112190	49.014	ng		100
15) Benzyl Alcohol	8.351	79	123640m	48.602	ng		
16) 2,2'-oxybis(1-Chloropr...	8.638	45	160205	46.727	ng		97
17) 2-Methylphenol	8.556	107	97488	50.569	ng		94
18) Hexachloroethane	9.202	117	42571	47.827	ng		95
19) n-Nitroso-di-n-propyla...	8.915	70	97703	46.629	ng	#	93
20) 3+4-Methylphenols	8.885	107	130522	47.960	ng		92
22) Acetophenone	8.932	105	173947	49.474	ng	#	96
24) Nitrobenzene	9.320	77	148614	48.952	ng		91
25) Isophorone	9.843	82	272236	51.315	ng		98
26) 2-Nitrophenol	10.031	139	60687	47.804	ng		88
27) 2,4-Dimethylphenol	10.089	122	105168	57.843	ng		96
28) bis(2-Chloroethoxy)met...	10.319	93	141747	47.559	ng		99
29) 2,4-Dichlorophenol	10.571	162	116282	50.874	ng		97
30) 1,2,4-Trichlorobenzene	10.789	180	119469	46.182	ng		94
31) Naphthalene	10.976	128	325375	48.122	ng		98
32) Benzoic acid	10.225	122	18381m	17.989	ng		
33) 4-Chloroaniline	11.082	127	27359	9.449	ng		95
34) Hexachlorobutadiene	11.264	225	87327	45.444	ng		99
35) Caprolactam	11.852	113	32284m	40.071	ng		
36) 4-Chloro-3-methylphenol	12.204	107	130891	49.189	ng		93
37) 2-Methylnaphthalene	12.574	142	234067	46.784	ng		96
38) 1-Methylnaphthalene	12.792	142	225675m	46.210	ng		
40) 1,2,4,5-Tetrachloroben...	12.944	216	151874	47.063	ng		98
41) Hexachlorocyclopentadiene	12.921	237	153327	92.040	ng		96
43) 2,4,6-Trichlorophenol	13.179	196	107711	48.411	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	112087	47.275	ng		96
46) 1,1'-Biphenyl	13.573	154	324599	47.439	ng		99
47) 2-Chloronaphthalene	13.620	162	252972	46.340	ng		97
48) 2-Nitroaniline	13.814	65	98706	47.645	ng		90
49) Acenaphthylene	14.460	152	427666	50.046	ng		96
50) Dimethylphthalate	14.184	163	348680	45.881	ng		100
51) 2,6-Dinitrotoluene	14.307	165	78249	49.355	ng		92
52) Acenaphthene	14.801	154	288115m	49.717	ng		
53) 3-Nitroaniline	14.636	138	39506	23.565	ng		87
54) 2,4-Dinitrophenol	14.848	184	62719	62.173	ng	#	87
55) Dibenzofuran	15.136	168	415566	45.796	ng		97
56) 4-Nitrophenol	14.953	139	116465	91.090	ng	#	84
57) 2,4-Dinitrotoluene	15.094	165	110302	48.868	ng		91
58) Fluorene	15.782	166	342636	46.751	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.365	232	107621	46.741	ng		98
60) Diethylphthalate	15.541	149	359744	45.180	ng		99
61) 4-Chlorophenyl-phenyle...	15.770	204	191268	46.038	ng		98
62) 4-Nitroaniline	15.799	138	75940	42.928	ng	#	83
63) Azobenzene	16.064	77	363603	45.292	ng		97
65) 4,6-Dinitro-2-methylph...	15.864	198	56736	35.824	ng		94
66) n-Nitrosodiphenylamine	15.987	169	308922	47.324	ng		99
67) 4-Bromophenyl-phenylether	16.663	248	134702	46.310	ng		96
68) Hexachlorobenzene	16.792	284	144992	46.029	ng		94
69) Atrazine	16.927	200	129099	50.629	ng		95
70) Pentachlorophenol	17.139	266	164418	95.506	ng		91
71) Phenanthrene	17.526	178	577492	46.575	ng		98
72) Anthracene	17.615	178	584478	47.581	ng		99
73) Carbazole	17.885	167	536706	44.948	ng		98
74) Di-n-butylphthalate	18.431	149	617976	45.633	ng		99
75) Fluoranthene	19.530	202	734352	46.204	ng		97
77) Benzidine	19.706	184	258889	41.269	ng		99
78) Pyrene	19.894	202	732518	46.779	ng		99
80) Butylbenzylphthalate	20.769	149	264952	45.384	ng		98
81) Benzo(a)anthracene	21.750	228	705786	46.949	ng		98
82) 3,3'-Dichlorobenzidine	21.656	252	138496	25.050	ng		99
83) Chrysene	21.815	228	646414	46.332	ng		100
84) Bis(2-ethylhexyl)phtha...	21.639	149	366543	46.449	ng		100
85) Di-n-octyl phthalate	22.872	149	613936	46.518	ng		96
87) Indeno(1,2,3-cd)pyrene	28.852	276	761145	45.564	ng	#	97
88) Benzo(b)fluoranthene	24.018	252	722170	50.905	ng		97
89) Benzo(k)fluoranthene	24.088	252	680134	48.781	ng		98
90) Benzo(a)pyrene	24.911	252	681906	56.423	ng		96
91) Dibenzo(a,h)anthracene	28.917	278	661859	48.139	ng		99
92) Benzo(g,h,i)perylene	30.033	276	658077	48.561	ng		98

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

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