Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053241.D
Acq On : 21 Apr 2022 14:49
Operator : CG/JU
Sample : N2434-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

Quant Time: Apr 22 02:56:40 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	8.111	152	30915	20.000	ng		-0.01
21) Naphthalene-d8	10.924	136	122398	20.000	ng		-0.01
39) Acenaphthene-d10	14.737	164	91753	20.000	ng		-0.01
64) Phenanthrene-d10	17.480	188	222944	20.000	ng		-0.01
76) Chrysene-d12	21.769	240	219911	20.000	ng		0.00
86) Perylene-d12	25.064	264	225560	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	268531	148.896	ng		0.00
7) Phenol-d6	7.276	99	371548	133.595	ng		0.00
23) Nitrobenzene-d5	9.274	82	284507	94.380	ng		-0.01
42) 2,4,6-Tribromophenol	16.229	330	213234	146.075	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	621435	93.392	ng		0.00
79) Terphenyl-d14	20.083	244	1226062	94.161	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.570	88	35230	40.905	ng	#	39
3) Pyridine	3.975	79	80630	35.496	ng	#	90
4) n-Nitrosodimethylamine	3.875	42	53867	47.887	ng		84
6) Aniline	7.435	93	86065	26.702	ng		94
8) 2-Chlorophenol	7.682	128	101565	52.165	ng		91
9) Benzaldehyde	7.247	77	67213m	40.430	ng		
10) Phenol	7.306	94	129515	46.784	ng		89
11) bis(2-Chloroethyl)ether	7.523	93	98191	49.204	ng		94
12) 1,3-Dichlorobenzene	8.005	146	109032	48.192	ng		96
13) 1,4-Dichlorobenzene	8.146	146	109942	47.665	ng		97
14) 1,2-Dichlorobenzene	8.469	146	105608	47.480	ng		98
15) Benzyl Alcohol	8.351	79	118796m	48.056	ng		
16) 2,2'-oxybis(1-Chloropr...	8.633	45	153948	46.207	ng		97
17) 2-Methylphenol	8.557	107	92079	49.152	ng		95
18) Hexachloroethane	9.203	117	41152	47.578	ng		97
19) n-Nitroso-di-n-propyla...	8.915	70	95622	46.963	ng		96
20) 3+4-Methylphenols	8.886	107	129272	48.882	ng		91
22) Acetophenone	8.933	105	163583	48.174	ng		93
24) Nitrobenzene	9.321	77	142681	48.662	ng		94
25) Isophorone	9.844	82	258506	50.453	ng		99
26) 2-Nitrophenol	10.031	139	61026	49.773	ng	#	89
27) 2,4-Dimethylphenol	10.090	122	103457	58.918	ng		97
28) bis(2-Chloroethoxy)met...	10.319	93	136369	47.375	ng		97
29) 2,4-Dichlorophenol	10.578	162	111335	50.435	ng		97
30) 1,2,4-Trichlorobenzene	10.789	180	116710	46.713	ng		95
31) Naphthalene	10.977	128	316710	48.500	ng		99
32) Benzoic acid	10.219	122	14100m	15.034	ng		
33) 4-Chloroaniline	11.083	127	18191	6.505	ng		96
34) Hexachlorobutadiene	11.265	225	84579	45.573	ng		98
35) Caprolactam	11.853	113	32557m	41.841	ng		
36) 4-Chloro-3-methylphenol	12.199	107	124697	48.521	ng		92
37) 2-Methylnaphthalene	12.575	142	225567	46.682	ng		97
38) 1-Methylnaphthalene	12.792	142	219851	46.612	ng		94
40) 1,2,4,5-Tetrachloroben...	12.939	216	148412	47.625	ng		99
41) Hexachlorocyclopentadiene	12.922	237	142988	88.886	ng		95
43) 2,4,6-Trichlorophenol	13.180	196	103276	48.068	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	111885	48.868	ng		96
46) 1,1'-Biphenyl	13.574	154	315029	47.678	ng		99
47) 2-Chloronaphthalene	13.621	162	245307	46.534	ng		94
48) 2-Nitroaniline	13.815	65	94385	47.179	ng		95
49) Acenaphthylene	14.461	152	420421	50.947	ng		99
50) Dimethylphthalate	14.185	163	342371	46.652	ng		100
51) 2,6-Dinitrotoluene	14.308	165	74808	48.862	ng		88
52) Acenaphthene	14.802	154	268941m	48.058	ng		
53) 3-Nitroaniline	14.637	138	35223	21.758	ng		99
54) 2,4-Dinitrophenol	14.849	184	47571	48.833	ng	#	90
55) Dibenzofuran	15.136	168	405435	46.268	ng		98
56) 4-Nitrophenol	14.954	139	112801	91.361	ng	#	78
57) 2,4-Dinitrotoluene	15.095	165	107534	49.335	ng		90
58) Fluorene	15.783	166	331727	46.872	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.365	232	105166	47.299	ng		98
60) Diethylphthalate	15.542	149	351629	45.730	ng		99
61) 4-Chlorophenyl-phenyle...	15.771	204	186274	46.430	ng		97
62) 4-Nitroaniline	15.800	138	75252	44.051	ng	#	83
63) Azobenzene	16.065	77	354203	45.690	ng		98
65) 4,6-Dinitro-2-methylph...	15.865	198	49767	31.996	ng		98
66) n-Nitrosodiphenylamine	15.982	169	304245	47.456	ng		97
67) 4-Bromophenyl-phenylether	16.664	248	132310	46.316	ng		96
68) Hexachlorobenzene	16.793	284	146999	47.516	ng		94
69) Atrazine	16.928	200	128892	51.468	ng		99
70) Pentachlorophenol	17.140	266	155607	92.033	ng		92
71) Phenanthrene	17.527	178	572556	47.017	ng		98
72) Anthracene	17.615	178	578165	47.924	ng		99
73) Carbazole	17.886	167	528842	45.095	ng		99
74) Di-n-butylphthalate	18.432	149	609324	45.813	ng		99
75) Fluoranthene	19.530	202	730219	46.780	ng		99
77) Benzidine	19.701	184	132916	21.184	ng		98
78) Pyrene	19.895	202	730426	46.637	ng		99
80) Butylbenzylphthalate	20.764	149	268032	45.903	ng		96
81) Benzo(a)anthracene	21.751	228	706602	46.994	ng		98
82) 3,3'-Dichlorobenzidine	21.657	252	126967	22.961	ng		97
83) Chrysene	21.816	228	647767	46.420	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	373461	47.317	ng		99
85) Di-n-octyl phthalate	22.873	149	615149	46.602	ng		97
87) Indeno(1,2,3-cd)pyrene	28.853	276	768509	45.860	ng	#	98
88) Benzo(b)fluoranthene	24.018	252	727533	51.121	ng		99
89) Benzo(k)fluoranthene	24.095	252	681533	48.726	ng		99
90) Benzo(a)pyrene	24.917	252	686556	56.628	ng		98
91) Dibenzo(a,h)anthracene	28.918	278	666103	48.294	ng		96
92) Benzo(g,h,i)perylene	30.046	276	660432	48.581	ng		95

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

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