Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
Data File : BG056080.D
Acq On : 23 Dec 2022 15:48
Operator : CG/JU
Sample : N6157-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

Quant Time: Dec 24 00:06:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 05:09:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.353	152	8522	20.000	ng		0.00
21) Naphthalene-d8	11.190	136	32627	20.000	ng	#	0.00
39) Acenaphthene-d10	14.968	164	31052	20.000	ng		0.00
64) Phenanthrene-d10	17.706	188	90635	20.000	ng	#	0.00
76) Chrysene-d12	22.013	240	98571	20.000	ng		0.00
86) Perylene-d12	25.497	264	117326	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.873	112	50200	138.146	ng		0.00
7) Phenol-d6	7.489	99	62091	132.854	ng		0.00
23) Nitrobenzene-d5	9.528	82	39567	84.747	ng		0.00
42) 2,4,6-Tribromophenol	16.449	330	97975	130.850	ng		0.00
45) 2-Fluorobiphenyl	13.593	172	127215	57.457	ng		0.00
79) Terphenyl-d14	20.280	244	303223	54.368	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.693	88	5618	53.125	ng		92
3) Pyridine	4.105	79	14939	42.925	ng		96
4) n-Nitrosodimethylamine	4.016	42	13388	42.794	ng		89
6) Aniline	7.665	93	22284	39.824	ng		95
8) 2-Chlorophenol	7.912	128	24060	51.321	ng		91
9) Benzaldehyde	7.483	77	13226	45.061	ng		96
10) Phenol	7.518	94	27171	53.120	ng		94
11) bis(2-Chloroethyl)ether	7.759	93	15717	47.173	ng		92
12) 1,3-Dichlorobenzene	8.247	146	27349	45.097	ng		91
13) 1,4-Dichlorobenzene	8.394	146	28468	45.933	ng		99
14) 1,2-Dichlorobenzene	8.717	146	26998	45.581	ng		97
15) Benzyl Alcohol	8.588	79	22797	46.944	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.875	45	23606m	54.437	ng		
17) 2-Methylphenol	8.787	107	20408	50.710	ng		93
18) Hexachloroethane	9.457	117	9376	49.837	ng		88
19) n-Nitroso-di-n-propyla...	9.157	70	15302	45.678	ng	#	92
20) 3+4-Methylphenols	9.110	107	27949	48.665	ng		93
22) Acetophenone	9.181	105	35953	44.452	ng	#	97
24) Nitrobenzene	9.569	77	25329	53.898	ng		94
25) Isophorone	10.092	82	46842	47.846	ng		97
26) 2-Nitrophenol	10.286	139	14856	53.401	ng	#	88
27) 2,4-Dimethylphenol	10.333	122	24450m	52.331	ng		
28) bis(2-Chloroethoxy)met...	10.568	93	23254	53.743	ng		99
29) 2,4-Dichlorophenol	10.826	162	32667	49.260	ng		98
30) 1,2,4-Trichlorobenzene	11.044	180	38363	44.502	ng		91
31) Naphthalene	11.243	128	74151	43.072	ng		99
32) Benzoic acid	10.456	122	21346	52.694	ng		91
33) 4-Chloroaniline	11.337	127	17506	23.720	ng		97
34) Hexachlorobutadiene	11.519	225	31890	39.349	ng		96
35) Caprolactam	12.107	113	8951m	48.445	ng		
36) 4-Chloro-3-methylphenol	12.430	107	31166	50.120	ng		96
37) 2-Methylnaphthalene	12.818	142	66553	43.757	ng		98
38) 1-Methylnaphthalene	13.035	142	61905	41.779	ng		100
40) 1,2,4,5-Tetrachloroben...	13.182	216	59446	45.374	ng		99
41) Hexachlorocyclopentadiene	13.159	237	68687	92.414	ng		98
43) 2,4,6-Trichlorophenol	13.405	196	40027	51.612	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.482	196	43873	50.184	ng		99
46) 1,1'-Biphenyl	13.805	154	99437	47.244	ng		98
47) 2-Chloronaphthalene	13.858	162	78098	45.665	ng		95
48) 2-Nitroaniline	14.046	65	20552	60.200	ng		93
49) Acenaphthylene	14.692	152	125914	46.125	ng		99
50) Dimethylphthalate	14.404	163	119853	44.644	ng		98
51) 2,6-Dinitrotoluene	14.528	165	25403	61.147	ng		92
52) Acenaphthene	15.033	154	102795	56.091	ng		94
53) 3-Nitroaniline	14.863	138	15284	36.169	ng	#	93
54) 2,4-Dinitrophenol	15.062	184	40165	130.048	ng	#	79
55) Dibenzofuran	15.362	168	141536	45.927	ng		96
56) 4-Nitrophenol	15.150	139	38977	115.103	ng		96
57) 2,4-Dinitrotoluene	15.309	165	37203	59.326	ng		89
58) Fluorene	16.008	166	112447	44.636	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.579	232	50752	50.816	ng		100
60) Diethylphthalate	15.756	149	112406	42.838	ng		99
61) 4-Chlorophenyl-phenyle...	15.991	204	79107	46.095	ng		98
62) 4-Nitroaniline	16.020	138	22691	49.308	ng		98
63) Azobenzene	16.284	77	74002	46.335	ng		98
65) 4,6-Dinitro-2-methylph...	16.073	198	27142	62.688	ng		84
66) n-Nitrosodiphenylamine	16.202	169	105859	44.570	ng		97
67) 4-Bromophenyl-phenylether	16.884	248	58941	44.380	ng		95
68) Hexachlorobenzene	17.007	284	70891	43.336	ng		98
69) Atrazine	17.136	200	52631	48.939	ng		97
70) Pentachlorophenol	17.348	266	91450	97.786	ng		94
71) Phenanthrene	17.747	178	211390	44.506	ng		98
72) Anthracene	17.841	178	212435	45.208	ng		100
73) Carbazole	18.100	167	172635	44.545	ng		98
74) Di-n-butylphthalate	18.635	149	193615	42.958	ng		99
75) Fluoranthene	19.739	202	278521	41.876	ng		100
77) Benzidine	19.904	184	64901	37.492	ng		98
78) Pyrene	20.098	202	282498	47.362	ng		99
80) Butylbenzylphthalate	20.961	149	85058	50.326	ng		99
81) Benzo(a)anthracene	21.995	228	314874	45.396	ng		98
82) 3,3'-Dichlorobenzidine	21.890	252	90128	36.115	ng		96
83) Chrysene	22.066	228	294857	45.357	ng		99
84) Bis(2-ethylhexyl)phtha...	21.860	149	120600	48.028	ng		96
85) Di-n-octyl phthalate	23.170	149	203597	47.799	ng		100
87) Indeno(1,2,3-cd)pyrene	29.528	276	410704	43.532	ng		100
88) Benzo(b)fluoranthene	24.387	252	346048	45.573	ng		98
89) Benzo(k)fluoranthene	24.463	252	339085	44.759	ng		100
90) Benzo(a)pyrene	25.339	252	305709	47.630	ng		99
91) Dibenzo(a,h)anthracene	29.598	278	343275	43.471	ng		97
92) Benzo(g,h,i)perylene	30.797	276	332456	43.544	ng		97

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

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