Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
Data File : BG056678.D
Acq On : 20 Feb 2023 18:07
Operator : CG/JU
Sample : 01606-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-210MS

Quant Time: Feb 21 03:26:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.432	152	20182	20.000	ng		0.00
21) Naphthalene-d8	11.276	136	84870	20.000	ng		0.00
39) Acenaphthene-d10	15.042	164	61966	20.000	ng		0.00
64) Phenanthrene-d10	17.774	188	147393	20.000	ng		0.00
76) Chrysene-d12	22.093	240	130748	20.000	ng	#	0.00
86) Perylene-d12	25.630	264	143977	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.947	112	154327	124.418	ng		0.00
7) Phenol-d6	7.563	99	203999	111.338	ng		0.00
23) Nitrobenzene-d5	9.613	82	145325	87.673	ng		0.00
42) 2,4,6-Tribromophenol	16.517	330	106138	125.105	ng		0.00
45) 2-Fluorobiphenyl	13.667	172	352664	76.209	ng		0.00
79) Terphenyl-d14	20.342	244	681282	85.252	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.767	88	18963	34.871	ng	#	56
3) Pyridine	4.190	79	51165	29.745	ng		98
4) n-Nitrosodimethylamine	4.084	42	31768	39.622	ng		88
6) Aniline	7.745	93	71265	27.987	ng		98
8) 2-Chlorophenol	7.992	128	56593	46.113	ng		96
9) Benzaldehyde	7.557	77	38016	39.234	ng		96
10) Phenol	7.586	94	71973	38.401	ng		96
11) bis(2-Chloroethyl)ether	7.833	93	57189	40.667	ng		97
12) 1,3-Dichlorobenzene	8.327	146	60284	41.228	ng		97
13) 1,4-Dichlorobenzene	8.473	146	61762	41.941	ng		94
14) 1,2-Dichlorobenzene	8.797	146	59737	42.204	ng		95
15) Benzyl Alcohol	8.661	79	65962	40.206	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.955	45	74846	39.643	ng		99
17) 2-Methylphenol	8.861	107	53505	40.623	ng		95
18) Hexachloroethane	9.537	117	20426	43.789	ng		97
19) n-Nitroso-di-n-propyla...	9.237	70	53933	39.319	ng		97
20) 3+4-Methylphenols	9.190	107	71129	39.312	ng		93
22) Acetophenone	9.261	105	101468	39.129	ng		98
24) Nitrobenzene	9.654	77	78446	41.044	ng		97
25) Isophorone	10.177	82	146495	36.314	ng		99
26) 2-Nitrophenol	10.371	139	29331	42.975	ng		95
27) 2,4-Dimethylphenol	10.412	122	62102	39.818	ng		99
28) bis(2-Chloroethoxy)met...	10.653	93	79551	38.694	ng		97
29) 2,4-Dichlorophenol	10.906	162	64443	41.689	ng		98
30) 1,2,4-Trichlorobenzene	11.129	180	74414	40.412	ng		96
31) Naphthalene	11.329	128	182432	38.785	ng		98
32) Benzoic acid	10.495	122	20275	20.169	ng		95
33) 4-Chloroaniline	11.417	127	10571	4.919	ng	#	86
34) Hexachlorobutadiene	11.605	225	50379	38.284	ng		98
35) Caprolactam	12.181	113	16868m	33.928	ng		
36) 4-Chloro-3-methylphenol	12.498	107	67887	39.824	ng		96
37) 2-Methylnaphthalene	12.898	142	136410	36.729	ng		98
38) 1-Methylnaphthalene	13.115	142	126600	36.531	ng		99
40) 1,2,4,5-Tetrachloroben...	13.256	216	95428	41.426	ng		96
41) Hexachlorocyclopentadiene	13.233	237	73434	58.775	ng		94
43) 2,4,6-Trichlorophenol	13.479	196	63236	45.245	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.556	196	67249	40.147	ng		99
46) 1,1'-Biphenyl	13.879	154	189708	40.415	ng		99
47) 2-Chloronaphthalene	13.932	162	155553	41.877	ng		99
48) 2-Nitroaniline	14.114	65	41592	39.482	ng		90
49) Acenaphthylene	14.766	152	237379	39.330	ng		99
50) Dimethylphthalate	14.478	163	199079	38.863	ng		100
51) 2,6-Dinitrotoluene	14.602	165	39749	40.296	ng		93
52) Acenaphthene	15.107	154	151359	40.655	ng		99
53) 3-Nitroaniline	14.925	138	23684	23.819	ng	#	98
54) 2,4-Dinitrophenol	15.124	184	25017	42.273	ng		96
55) Dibenzofuran	15.436	168	247452	39.342	ng		99
56) 4-Nitrophenol	15.213	139	59509	78.112	ng		91
57) 2,4-Dinitrotoluene	15.377	165	54144	43.339	ng	#	89
58) Fluorene	16.076	166	195584	39.329	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.647	232	63280m	43.103	ng		
60) Diethylphthalate	15.824	149	195017	37.741	ng		99
61) 4-Chlorophenyl-phenyle...	16.059	204	116623	38.386	ng		97
62) 4-Nitroaniline	16.082	138	37747	36.425	ng		100
63) Azobenzene	16.352	77	198939	38.469	ng		98
65) 4,6-Dinitro-2-methylph...	16.135	198	18500	24.306	ng		99
66) n-Nitrosodiphenylamine	16.270	169	172900	40.323	ng		99
67) 4-Bromophenyl-phenylether	16.952	248	79484	42.002	ng		92
68) Hexachlorobenzene	17.081	284	85930	44.570	ng		99
69) Atrazine	17.204	200	72114	43.798	ng		99
70) Pentachlorophenol	17.416	266	91666	71.793	ng		95
71) Phenanthrene	17.815	178	329364	41.073	ng		99
72) Anthracene	17.909	178	334987	40.826	ng		99
73) Carbazole	18.168	167	287874	40.699	ng		99
74) Di-n-butylphthalate	18.697	149	327964	41.433	ng		99
75) Fluoranthene	19.801	202	407263	38.491	ng		99
77) Benzidine	19.960	184	154680	49.463	ng		100
78) Pyrene	20.160	202	407561	41.275	ng		99
80) Butylbenzylphthalate	21.023	149	128591	43.367	ng		98
81) Benzo(a)anthracene	22.069	228	398546	40.988	ng		98
82) 3,3'-Dichlorobenzidine	21.963	252	83031	26.320	ng		99
83) Chrysene	22.146	228	363703	40.012	ng		99
84) Bis(2-ethylhexyl)phtha...	21.940	149	189114	42.562	ng		99
85) Di-n-octyl phthalate	23.262	149	314262	42.554	ng		99
87) Indeno(1,2,3-cd)pyrene	29.731	276	468700	41.567	ng	#	98
88) Benzo(b)fluoranthene	24.502	252	394884	41.981	ng		98
89) Benzo(k)fluoranthene	24.578	252	383362	41.445	ng		99
90) Benzo(a)pyrene	25.471	252	347338	38.416	ng		97
91) Dibenzo(a,h)anthracene	29.807	278	390644	41.830	ng		99
92) Benzo(g,h,i)perylene	31.023	276	373103	40.887	ng		97

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

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