Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
Data File : BG056679.D
Acq On : 20 Feb 2023 18:49
Operator : CG/JU
Sample : 01606-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-210MSD

Quant Time: Feb 21 03:27:37 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	8.433	152	22602	20.000	ng		0.00
21) Naphthalene-d8	11.277	136	88928	20.000	ng		0.00
39) Acenaphthene-d10	15.037	164	64528	20.000	ng		0.00
64) Phenanthrene-d10	17.775	188	151489	20.000	ng		0.00
76) Chrysene-d12	22.093	240	133747	20.000	ng		0.00
86) Perylene-d12	25.636	264	148221	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.947	112	167539	120.608	ng		0.00
7) Phenol-d6	7.563	99	215614	105.078	ng		0.00
23) Nitrobenzene-d5	9.614	82	153742	88.519	ng		0.00
42) 2,4,6-Tribromophenol	16.517	330	109503	123.947	ng		0.00
45) 2-Fluorobiphenyl	13.668	172	359665	74.636	ng		0.00
79) Terphenyl-d14	20.342	244	691480	84.588	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.768	88	20130	33.054	ng	#	53
3) Pyridine	4.197	79	55583	28.854	ng		95
4) n-Nitrosodimethylamine	4.091	42	34578	38.509	ng	#	89
6) Aniline	7.745	93	78222	27.430	ng		95
8) 2-Chlorophenol	7.992	128	60195	43.797	ng		96
9) Benzaldehyde	7.557	77	40361	37.194	ng		90
10) Phenol	7.593	94	77829	37.079	ng		97
11) bis(2-Chloroethyl)ether	7.834	93	61209	38.865	ng		99
12) 1,3-Dichlorobenzene	8.327	146	65425	39.953	ng		99
13) 1,4-Dichlorobenzene	8.474	146	66064	40.059	ng		93
14) 1,2-Dichlorobenzene	8.797	146	63549	40.090	ng		99
15) Benzyl Alcohol	8.662	79	72242	39.319	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.956	45	81269	38.436	ng		99
17) 2-Methylphenol	8.862	107	55445	37.588	ng		98
18) Hexachloroethane	9.543	117	22581	43.225	ng		98
19) n-Nitroso-di-n-propyla...	9.238	70	57397	37.364	ng		100
20) 3+4-Methylphenols	9.185	107	76303	37.656	ng		99
22) Acetophenone	9.261	105	106095	39.046	ng	#	99
24) Nitrobenzene	9.655	77	84617	42.173	ng		98
25) Isophorone	10.178	82	154924	36.651	ng		99
26) 2-Nitrophenol	10.372	139	31101	43.489	ng		91
27) 2,4-Dimethylphenol	10.407	122	63708	38.983	ng		98
28) bis(2-Chloroethoxy)met...	10.648	93	84734	39.334	ng		97
29) 2,4-Dichlorophenol	10.906	162	68067	42.025	ng		97
30) 1,2,4-Trichlorobenzene	11.130	180	76067	39.425	ng		95
31) Naphthalene	11.324	128	189819	38.514	ng		99
32) Benzoic acid	10.483	122	12677m	12.036	ng		
33) 4-Chloroaniline	11.423	127	11429	5.076	ng	#	89
34) Hexachlorobutadiene	11.606	225	54902	39.818	ng		98
35) Caprolactam	12.176	113	17157m	32.934	ng		
36) 4-Chloro-3-methylphenol	12.499	107	70577	39.513	ng		98
37) 2-Methylnaphthalene	12.898	142	139514	35.851	ng		100
38) 1-Methylnaphthalene	13.116	142	130125	35.835	ng		97
40) 1,2,4,5-Tetrachloroben...	13.257	216	97635	40.702	ng		97
41) Hexachlorocyclopentadiene	13.233	237	85564	65.765	ng		98
43) 2,4,6-Trichlorophenol	13.480	196	63152	43.391	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.550	196	69847	40.042	ng		97
46) 1,1'-Biphenyl	13.879	154	194482	39.787	ng		97
47) 2-Chloronaphthalene	13.932	162	157014	40.592	ng		98
48) 2-Nitroaniline	14.114	65	45180	40.959	ng		89
49) Acenaphthylene	14.767	152	240956	38.337	ng		97
50) Dimethylphthalate	14.479	163	204662	38.367	ng		99
51) 2,6-Dinitrotoluene	14.596	165	40751	39.712	ng		88
52) Acenaphthene	15.107	154	151505	39.079	ng		98
53) 3-Nitroaniline	14.925	138	22460	21.691	ng	#	97
54) 2,4-Dinitrophenol	15.125	184	25578	41.505	ng	#	83
55) Dibenzofuran	15.431	168	248021	37.867	ng		98
56) 4-Nitrophenol	15.213	139	60858	76.711	ng		90
57) 2,4-Dinitrotoluene	15.378	165	55114	42.364	ng	#	88
58) Fluorene	16.077	166	193520	37.369	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.648	232	64539	42.216	ng	#	92
60) Diethylphthalate	15.824	149	199816	37.135	ng		99
61) 4-Chlorophenyl-phenyle...	16.059	204	117915	37.270	ng		100
62) 4-Nitroaniline	16.089	138	38544	35.717	ng		98
63) Azobenzene	16.353	77	200014	37.141	ng		98
65) 4,6-Dinitro-2-methylph...	16.136	198	21177	27.070	ng		90
66) n-Nitrosodiphenylamine	16.271	169	175440	39.809	ng		99
67) 4-Bromophenyl-phenylether	16.952	248	79404	40.825	ng		93
68) Hexachlorobenzene	17.076	284	86810	43.809	ng		99
69) Atrazine	17.205	200	72738	42.983	ng		99
70) Pentachlorophenol	17.416	266	87330	66.548	ng		97
71) Phenanthrene	17.816	178	330723	40.128	ng		99
72) Anthracene	17.910	178	335995	39.841	ng		99
73) Carbazole	18.168	167	292062	40.174	ng		99
74) Di-n-butylphthalate	18.697	149	327763	40.288	ng		99
75) Fluoranthene	19.802	202	412641	37.945	ng		100
77) Benzidine	19.960	184	134862	42.159	ng		98
78) Pyrene	20.160	202	415607	41.146	ng		99
80) Butylbenzylphthalate	21.024	149	135075	44.532	ng		96
81) Benzo(a)anthracene	22.070	228	403433	40.561	ng		98
82) 3,3'-Dichlorobenzidine	21.964	252	80108	24.824	ng		99
83) Chrysene	22.146	228	370798	39.878	ng		99
84) Bis(2-ethylhexyl)phtha...	21.941	149	191331	42.095	ng		100
85) Di-n-octyl phthalate	23.262	149	324269	42.924	ng		100
87) Indeno(1,2,3-cd)pyrene	29.737	276	471016	40.576	ng		99
88) Benzo(b)fluoranthene	24.502	252	408637	42.200	ng		100
89) Benzo(k)fluoranthene	24.579	252	386651	40.604	ng		99
90) Benzo(a)pyrene	25.472	252	348306	37.420	ng		99
91) Dibenzo(a,h)anthracene	29.808	278	391999	40.773	ng		97
92) Benzo(g,h,i)perylene	31.018	276	380851	40.541	ng		96

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

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