Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061821\
Data File : BG049019.D
Acq On : 18 Jun 2021 14:26
Operator : CG/JU
Sample : M2687-11MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 17-B6(100-104)MS

Quant Time: Jun 18 15:07:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	33290	20.000	ng	0.00
21) Naphthalene-d8	10.935	136	133235	20.000	ng	# 0.00
39) Acenaphthene-d10	14.760	164	91167	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	218746	20.000	ng	# 0.00
76) Chrysene-d12	21.798	240	238299	20.000	ng	0.00
86) Perylene-d12	25.130	264	251851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	181897	85.057	ng	0.00
7) Phenol-d6	7.268	99	212302	66.236	ng	0.00
23) Nitrobenzene-d5	9.278	82	181553	58.757	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	126869	93.929	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	389132	60.297	ng	0.00
79) Terphenyl-d14	20.112	244	747658	57.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.549	88	26251	25.144	ng	# 1
3) Pyridine	3.960	79	51263	18.100	ng	# 83
4) n-Nitrosodimethylamine	3.861	42	45636	33.648	ng	# 72
6) Aniline	7.427	93	96757	23.971	ng	# 87
8) 2-Chlorophenol	7.674	128	71698	30.418	ng	90
9) Benzaldehyde	7.245	77	68867	41.522	ng	89
10) Phenol	7.292	94	85250	25.745	ng	93
11) bis(2-Chloroethyl)ether	7.521	93	70433	28.668	ng	87
12) 1,3-Dichlorobenzene	8.003	146	72731	27.622	ng	99
13) 1,4-Dichlorobenzene	8.150	146	73120	27.854	ng	97
14) 1,2-Dichlorobenzene	8.473	146	72909	28.870	ng	97
15) Benzyl Alcohol	8.349	79	84889	28.918	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.643	45	121799	26.201	ng	80
17) 2-Methylphenol	8.555	107	62905	28.968	ng	92
18) Hexachloroethane	9.207	117	30583	29.040	ng	89
19) n-Nitroso-di-n-propyla...	8.913	70	66113	26.388	ng	97
20) 3+4-Methylphenols	8.878	107	85319	28.737	ng	95
22) Acetophenone	8.937	105	126895	31.305	ng	# 97
24) Nitrobenzene	9.319	77	100761	28.950	ng	98
25) Isophorone	9.848	82	171455	25.470	ng	# 97
26) 2-Nitrophenol	10.042	139	39020	33.050	ng	95
27) 2,4-Dimethylphenol	10.094	122	69148	32.303	ng	98
28) bis(2-Chloroethoxy)met...	10.329	93	94091	30.186	ng	96
29) 2,4-Dichlorophenol	10.582	162	73414	30.570	ng	95
30) 1,2,4-Trichlorobenzene	10.794	180	80995	29.417	ng	96
31) Naphthalene	10.987	128	221851	27.950	ng	97
32) Benzoic acid	10.212	122	43461	31.084	ng	# 72
33) 4-Chloroaniline	11.087	127	40669	12.067	ng	# 88
34) Hexachlorobutadiene	11.275	225	56031	28.553	ng	97
35) Caprolactam	11.857	113	20036	28.862	ng	# 55
36) 4-Chloro-3-methylphenol	12.210	107	85378	29.086	ng	# 91
37) 2-Methylnaphthalene	12.586	142	166525	27.776	ng	92
38) 1-Methylnaphthalene	12.809	142	151933	26.993	ng	91
40) 1,2,4,5-Tetrachloroben...	12.950	216	91941	31.760	ng	98
41) Hexachlorocyclopentadiene	12.932	237	137985	74.146	ng	92
43) 2,4,6-Trichlorophenol	13.191	196	65765	33.953	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.267	196	71320	35.609	ng		96
46) 1,1'-Biphenyl	13.590	154	207752	30.909	ng		99
47) 2-Chloronaphthalene	13.631	162	167404	31.189	ng		98
48) 2-Nitroaniline	13.831	65	67189	36.433	ng		95
49) Acenaphthylene	14.477	152	272856	30.507	ng		94
50) Dimethylphthalate	14.201	163	227907	32.093	ng		99
51) 2,6-Dinitrotoluene	14.319	165	49467	34.205	ng		90
52) Acenaphthene	14.818	154	170156	29.516	ng		96
53) 3-Nitroaniline	14.654	138	36189	24.716	ng		88
54) 2,4-Dinitrophenol	14.854	184	58407	87.188	ng		94
55) Dibenzofuran	15.153	168	264399	29.505	ng		99
56) 4-Nitrophenol	14.965	139	76501	64.088	ng		90
57) 2,4-Dinitrotoluene	15.106	165	71399	40.193	ng	#	95
58) Fluorene	15.805	166	221757	30.263	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.376	232	67741	33.413	ng		98
60) Diethylphthalate	15.564	149	242854	31.575	ng		96
61) 4-Chlorophenyl-phenyle...	15.794	204	122337	31.928	ng		99
62) 4-Nitroaniline	15.817	138	53280	35.982	ng	#	83
63) Azobenzene	16.087	77	238777	27.132	ng		89
65) 4,6-Dinitro-2-methylph...	15.870	198	38512	37.127	ng		85
66) n-Nitrosodiphenylamine	16.005	169	191223	28.051	ng		97
67) 4-Bromophenyl-phenylether	16.693	248	80639	29.524	ng		95
68) Hexachlorobenzene	16.810	284	90777	30.664	ng		97
69) Atrazine	16.951	200	81095	37.061	ng		98
70) Pentachlorophenol	17.151	266	114406	64.306	ng		98
71) Phenanthrene	17.550	178	355577	28.889	ng		97
72) Anthracene	17.639	178	363934	29.425	ng		97
73) Carbazole	17.903	167	344431	29.053	ng		99
74) Di-n-butylphthalate	18.461	149	421658	31.711	ng		98
75) Fluoranthene	19.554	202	463287	31.214	ng		97
77) Benzidine	19.736	184	119205	24.832	ng		98
78) Pyrene	19.918	202	474282	27.421	ng		97
80) Butylbenzylphthalate	20.799	149	207125	31.740	ng		98
81) Benzo(a)anthracene	21.775	228	518302	30.293	ng		98
82) 3,3'-Dichlorobenzidine	21.687	252	160662	29.363	ng		98
83) Chrysene	21.845	228	494056	30.116	ng		97
84) Bis(2-ethylhexyl)phtha...	21.681	149	304460	32.731	ng	#	95
85) Di-n-octyl phthalate	22.938	149	514371	32.604	ng		96
87) Indeno(1,2,3-cd)pyrene	28.943	276	622799	32.859	ng	#	97
88) Benzo(b)fluoranthene	24.066	252	552762	30.788	ng	#	97
89) Benzo(k)fluoranthene	24.137	252	524867	30.813	ng	#	97
90) Benzo(a)pyrene	24.971	252	532291	32.480	ng	#	97
91) Dibenzo(a,h)anthracene	29.013	278	520847	32.880	ng	#	97
92) Benzo(g,h,i)perylene	30.136	276	519519	32.524	ng		99

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

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