Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049084.D
Acq On : 24 Jun 2021 18:13
Operator : CG/JU
Sample : M2795-07MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B4-0-2MSD

Manual Integrations APPROVED
mohammad
6/25/2021 1:10:23 PM

Quant Time: Jun 25 05:32:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	31046	20.000	ng		0.00
21) Naphthalene-d8	10.925	136	123582	20.000	ng	#	0.00
39) Acenaphthene-d10	14.750	164	92660	20.000	ng		0.00
64) Phenanthrene-d10	17.493	188	215469	20.000	ng	#	0.00
76) Chrysene-d12	21.782	240	214599	20.000	ng		0.00
86) Perylene-d12	25.108	264	234387	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.660	112	130051	65.209	ng		0.00
7) Phenol-d6	7.258	99	254543	85.155	ng		0.00
23) Nitrobenzene-d5	9.274	82	198138	69.134	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	56005	40.796	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	431345	65.761	ng		0.00
79) Terphenyl-d14	20.102	244	786798	67.146	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.533	88	34013	34.934	ng	#	83
3) Pyridine	3.939	79	82443	31.214	ng		93
4) n-Nitrosodimethylamine	3.851	42	64575	51.054	ng	#	78
6) Aniline	7.423	93	116877	31.048	ng		94
8) 2-Chlorophenol	7.670	128	104703	47.631	ng		92
9) Benzaldehyde	7.235	77	78908	51.015	ng		88
10) Phenol	7.288	94	135470	43.869	ng		91
11) bis(2-Chloroethyl)ether	7.517	93	95626	41.735	ng		85
12) 1,3-Dichlorobenzene	7.993	146	107674	43.848	ng		95
13) 1,4-Dichlorobenzene	8.140	146	109069	44.551	ng		98
14) 1,2-Dichlorobenzene	8.463	146	105238	44.684	ng		92
15) Benzyl Alcohol	8.339	79	116636	42.605	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.627	45	156769	36.161	ng		86
17) 2-Methylphenol	8.545	107	92517	45.684	ng		95
18) Hexachloroethane	9.197	117	44775	45.589	ng		94
19) n-Nitroso-di-n-propyla...	8.915	70	83841	35.883	ng	#	91
20) 3+4-Methylphenols	8.874	107	125791	45.431	ng		96
22) Acetophenone	8.933	105	168220	44.741	ng	#	97
24) Nitrobenzene	9.315	77	138465	42.890	ng		96
25) Isophorone	9.844	82	226909	36.341	ng		97
26) 2-Nitrophenol	10.032	139	57616	52.613	ng		92
27) 2,4-Dimethylphenol	10.084	122	99212	49.968	ng		98
28) bis(2-Chloroethoxy)met...	10.319	93	125466	43.396	ng		99
29) 2,4-Dichlorophenol	10.572	162	105979	47.577	ng		94
30) 1,2,4-Trichlorobenzene	10.789	180	118571	46.428	ng		95
31) Naphthalene	10.977	128	310739	42.206	ng		98
32) Benzoic acid	10.237	122	75105	57.913	ng	#	72
33) 4-Chloroaniline	11.083	127	55456	17.740	ng		94
34) Hexachlorobutadiene	11.265	225	84272	46.298	ng		96
35) Caprolactam	11.871	113	36606m	56.851	ng		
36) 4-Chloro-3-methylphenol	12.200	107	125554	46.114	ng	#	89
37) 2-Methylnaphthalene	12.582	142	236292	42.491	ng		96
38) 1-Methylnaphthalene	12.799	142	220572	42.248	ng		97
40) 1,2,4,5-Tetrachloroben...	12.946	216	139341	47.358	ng		99
41) Hexachlorocyclopentadiene	12.928	237	218525	115.532	ng		95
43) 2,4,6-Trichlorophenol	13.181	196	100606	51.103	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	113249	55.632	ng		89
46) 1,1'-Biphenyl	13.580	154	297695	43.577	ng		98
47) 2-Chloronaphthalene	13.627	162	240660	44.115	ng		99
48) 2-Nitroaniline	13.821	65	95584	47.865	ng		97
49) Acenaphthylene	14.473	152	389165	42.810	ng		97
50) Dimethylphthalate	14.197	163	335345	46.461	ng		99
51) 2,6-Dinitrotoluene	14.315	165	73753	50.176	ng		92
52) Acenaphthene	14.814	154	302434m	51.616	ng		
53) 3-Nitroaniline	14.644	138	42329	28.444	ng		91
54) 2,4-Dinitrophenol	14.849	184	96111	141.159	ng		96
55) Dibenzofuran	15.143	168	382636	42.011	ng		98
56) 4-Nitrophenol	14.961	139	127828	105.361	ng		95
57) 2,4-Dinitrotoluene	15.102	165	110263	61.071	ng	#	96
58) Fluorene	15.795	166	322521	43.304	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.372	232	106014	51.449	ng		98
60) Diethylphthalate	15.560	149	354240	45.315	ng		95
61) 4-Chlorophenyl-phenyle...	15.784	204	177775	45.649	ng		97
62) 4-Nitroaniline	15.813	138	77304	51.365	ng	#	85
63) Azobenzene	16.077	77	337285	37.709	ng		91
65) 4,6-Dinitro-2-methylph...	15.866	198	64194	62.827	ng		90
66) n-Nitrosodiphenylamine	15.995	169	289761	43.152	ng		97
67) 4-Bromophenyl-phenylether	16.677	248	125032	46.473	ng		95
68) Hexachlorobenzene	16.800	284	142377	48.826	ng		97
69) Atrazine	16.947	200	128548	59.642	ng		96
70) Pentachlorophenol	17.147	266	189276	108.007	ng		97
71) Phenanthrene	17.540	178	557078	45.949	ng		98
72) Anthracene	17.629	178	557364	45.750	ng		97
73) Carbazole	17.899	167	508956	43.583	ng		97
74) Di-n-butylphthalate	18.451	149	615567	46.998	ng		98
75) Fluoranthene	19.544	202	706213	48.304	ng		99
77) Benzidine	19.720	184	305475	70.661	ng		97
78) Pyrene	19.908	202	706752	45.374	ng		97
80) Butylbenzylphthalate	20.790	149	269869	45.922	ng		96
81) Benzo(a)anthracene	21.765	228	719619	46.704	ng		100
82) 3,3'-Dichlorobenzidine	21.677	252	172296	34.967	ng		93
83) Chrysene	21.835	228	686720	46.483	ng		98
84) Bis(2-ethylhexyl)phtha...	21.665	149	388892	46.425	ng		96
85) Di-n-octyl phthalate	22.911	149	662953	46.663	ng		99
87) Indeno(1,2,3-cd)pyrene	28.909	276	874297	49.564	ng	#	97
88) Benzo(b)fluoranthene	24.050	252	774674	46.364	ng	#	95
89) Benzo(k)fluoranthene	24.121	252	704724	44.454	ng	#	99
90) Benzo(a)pyrene	24.949	252	745359	48.869	ng		96
91) Dibenzo(a,h)anthracene	28.980	278	721767	48.959	ng	#	96
92) Benzo(g,h,i)perylene	30.102	276	733214	49.322	ng		99

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

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