Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033021\
Data File : BG048520.D
Acq On : 30 Mar 2021 22:06
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG033021

Manual Integrations APPROVED
mohammad
3/31/2021 1:37:15 PM

Quant Time: Mar 31 01:53:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 01:49:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.099	152	20897	20.00	ng		0.00
21) Naphthalene-d8	10.925	136	85859	20.00	ng	#	0.00
39) Acenaphthene-d10	14.750	164	63829	20.00	ng		0.00
64) Phenanthrene-d10	17.499	188	154611	20.00	ng	#	0.00
76) Chrysene-d12	21.800	240	144177	20.00	ng	#	0.00
86) Perylene-d12	25.138	264	151383	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	98467	83.19	ng		0.00
7) Phenol-d6	7.247	99	135792	79.10	ng		0.00
23) Nitrobenzene-d5	9.268	82	139353	78.58	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	69640	83.00	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	330300	76.91	ng		0.00
79) Terphenyl-d14	20.114	244	652802	82.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.510	88	18610	39.08	ng		97
3) Pyridine	3.915	79	48699m	40.79	ng		
4) n-Nitrosodimethylamine	3.827	42	32480	41.64	ng	#	95
6) Aniline	7.417	93	77708	39.42	ng		98
8) 2-Chlorophenol	7.658	128	53232	39.80	ng		95
9) Benzaldehyde	7.223	77	42989	39.18	ng		98
10) Phenol	7.270	94	68060	39.60	ng		96
11) bis(2-Chloroethyl)ether	7.505	93	45382	38.06	ng		86
12) 1,3-Dichlorobenzene	7.987	146	59101	39.22	ng		96
13) 1,4-Dichlorobenzene	8.134	146	60010	39.50	ng		97
14) 1,2-Dichlorobenzene	8.457	146	57889m	39.78	ng		
15) Benzyl Alcohol	8.334	79	58618	41.69	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.627	45	44983	39.11	ng		99
17) 2-Methylphenol	8.533	107	43515	39.13	ng		96
18) Hexachloroethane	9.192	117	22620	40.07	ng	#	82
19) n-Nitroso-di-n-propyla...	8.904	70	46599	39.38	ng	#	95
20) 3+4-Methylphenols	8.868	107	63911	41.41	ng		97
22) Acetophenone	8.921	105	84911	38.36	ng	#	95
24) Nitrobenzene	9.309	77	70718	40.63	ng		100
25) Isophorone	9.832	82	131862	40.26	ng		96
26) 2-Nitrophenol	10.020	139	32512	40.66	ng		98
27) 2,4-Dimethylphenol	10.079	122	50125	39.84	ng		88
28) bis(2-Chloroethoxy)met...	10.320	93	59479	39.62	ng		98
29) 2,4-Dichlorophenol	10.566	162	58084	40.77	ng		91
30) 1,2,4-Trichlorobenzene	10.784	180	64863	39.62	ng		98
31) Naphthalene	10.972	128	175137	39.67	ng		97
32) Benzoic acid	10.214	122	40652	42.00	ng		88
33) 4-Chloroaniline	11.078	127	75849	40.71	ng		96
34) Hexachlorobutadiene	11.260	225	45792	38.30	ng		95
35) Caprolactam	11.847	113	22334	42.97	ng	#	68
36) 4-Chloro-3-methylphenol	12.194	107	67441	42.15	ng		91
37) 2-Methylnaphthalene	12.576	142	137314	39.07	ng		95
38) 1-Methylnaphthalene	12.799	142	131460	39.22	ng		100
40) 1,2,4,5-Tetrachloroben...	12.940	216	78870	39.86	ng		99
41) Hexachlorocyclopentadiene	12.922	237	46925	40.94	ng		94
43) 2,4,6-Trichlorophenol	13.181	196	54129	39.80	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	60918	41.87	ng		94
46) 1,1'-Biphenyl	13.581	154	182317	39.09	ng		99
47) 2-Chloronaphthalene	13.628	162	140447	39.53	ng		98
48) 2-Nitroaniline	13.821	65	46724	41.37	ng		90
49) Acenaphthylene	14.474	152	223608	40.14	ng		98
50) Dimethylphthalate	14.197	163	190558	40.22	ng		98
51) 2,6-Dinitrotoluene	14.315	165	44453	41.01	ng		95
52) Acenaphthene	14.808	154	160899	39.93	ng		90
53) 3-Nitroaniline	14.650	138	44673	42.03	ng		89
54) 2,4-Dinitrophenol	14.850	184	26770	43.92	ng		92
55) Dibenzofuran	15.149	168	232408	39.50	ng		96
56) 4-Nitrophenol	14.949	139	37012	43.14	ng		91
57) 2,4-Dinitrotoluene	15.102	165	65967	43.03	ng		96
58) Fluorene	15.796	166	193681	39.32	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.373	232	57234	40.32	ng		99
60) Diethylphthalate	15.561	149	197022	40.47	ng		100
61) 4-Chlorophenyl-phenyle...	15.790	204	105117	39.66	ng		97
62) 4-Nitroaniline	15.813	138	48254	43.41	ng		97
63) Azobenzene	16.083	77	188932	39.45	ng		96
65) 4,6-Dinitro-2-methylph...	15.866	198	39362	42.37	ng		93
66) n-Nitrosodiphenylamine	16.001	169	173075	39.35	ng		97
67) 4-Bromophenyl-phenylether	16.683	248	66546	38.83	ng		100
68) Hexachlorobenzene	16.800	284	69671	38.93	ng		97
69) Atrazine	16.947	200	70913	39.53	ng		95
70) Pentachlorophenol	17.147	266	49395	44.41	ng		93
71) Phenanthrene	17.546	178	319650	39.83	ng		98
72) Anthracene	17.635	178	323507	40.45	ng		98
73) Carbazole	17.905	167	305222	40.24	ng		97
74) Di-n-butylphthalate	18.457	149	348559	41.13	ng		98
75) Fluoranthene	19.556	202	400631	40.26	ng		98
77) Benzidine	19.732	184	187259	38.35	ng		99
78) Pyrene	19.920	202	400742	40.43	ng		99
80) Butylbenzylphthalate	20.796	149	153347	41.65	ng		95
81) Benzo(a)anthracene	21.777	228	397870	41.30	ng		98
82) 3,3'-Dichlorobenzidine	21.689	252	135786	41.03	ng		97
83) Chrysene	21.847	228	367277m	39.95	ng		
84) Bis(2-ethylhexyl)phtha...	21.677	149	217194	42.35	ng		97
85) Di-n-octyl phthalate	22.934	149	375892	42.04	ng		99
87) Indeno(1,2,3-cd)pyrene	28.968	276	435173	41.00	ng	#	73
88) Benzo(b)fluoranthene	24.080	252	398586	40.54	ng	#	97
89) Benzo(k)fluoranthene	24.150	252	383249	40.54	ng		98
90) Benzo(a)pyrene	24.985	252	369616	40.79	ng		96
91) Dibenzo(a,h)anthracene	29.051	278	365717	40.37	ng		99
92) Benzo(g,h,i)perylene	30.179	276	353152	39.81	ng		96

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

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