Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033021\
Data File : BG048514.D
Acq On : 30 Mar 2021 18:04
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
3/31/2021 1:37:04 PM

Quant Time: Mar 31 00:54:41 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 00:52:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.100	152	16735	20.00	ng		0.00
21) Naphthalene-d8	10.920	136	70370	20.00	ng		# 0.00
39) Acenaphthene-d10	14.745	164	54120	20.00	ng		0.00
64) Phenanthrene-d10	17.501	188	130798	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	131723	20.00	ng		# 0.00
86) Perylene-d12	25.139	264	130310	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.644	112	19315	19.09	ng		0.00
7) Phenol-d6	7.242	99	28055	19.05	ng		0.00
23) Nitrobenzene-d5	9.263	82	30398	17.27	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	13783	15.66	ng		0.00
45) 2-Fluorobiphenyl	13.370	172	74928	19.92	ng		0.00
79) Terphenyl-d14	20.109	244	150901	20.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	3973	9.31	ng		96
3) Pyridine	3.922	79	10077m	8.47	ng		
4) n-Nitrosodimethylamine	3.834	42	6756	9.77	ng	#	85
6) Aniline	7.412	93	16730	9.61	ng	#	89
8) 2-Chlorophenol	7.653	128	10980	10.40	ng		85
9) Benzaldehyde	7.224	77	9367	10.09	ng		91
10) Phenol	7.271	94	14566	9.65	ng		90
11) bis(2-Chloroethyl)ether	7.506	93	10655	10.08	ng		92
12) 1,3-Dichlorobenzene	7.982	146	13139m	10.47	ng		
13) 1,4-Dichlorobenzene	8.129	146	13493	10.83	ng		97
14) 1,2-Dichlorobenzene	8.452	146	12122	10.14	ng		92
15) Benzyl Alcohol	8.329	79	10729	8.21	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.623	45	9217	7.62	ng		88
17) 2-Methylphenol	8.535	107	8957	9.36	ng		96
18) Hexachloroethane	9.198	117	4450	9.28	ng		98
19) n-Nitroso-di-n-propyla...	8.905	70	10051	9.20	ng	#	86
20) 3+4-Methylphenols	8.864	107	12734	9.72	ng		91
22) Acetophenone	8.922	105	19295	9.75	ng		94
24) Nitrobenzene	9.310	77	14785	7.84	ng		97
25) Isophorone	9.827	82	27130	8.05	ng	#	93
26) 2-Nitrophenol	10.021	139	6651	9.28	ng	#	81
27) 2,4-Dimethylphenol	10.080	122	10347	9.25	ng		87
28) bis(2-Chloroethoxy)met...	10.315	93	13768	9.02	ng		95
29) 2,4-Dichlorophenol	10.567	162	11798	9.09	ng		98
30) 1,2,4-Trichlorobenzene	10.785	180	14182	9.04	ng	#	84
31) Naphthalene	10.973	128	35950	9.21	ng	#	95
32) Benzoic acid	10.150	122	6031	6.93	ng		94
33) 4-Chloroaniline	11.079	127	15958	9.57	ng		96
34) Hexachlorobutadiene	11.255	225	10272	8.26	ng		92
35) Caprolactam	11.831	113	4761	10.28	ng		92
36) 4-Chloro-3-methylphenol	12.189	107	13066	8.67	ng		96
37) 2-Methylnaphthalene	12.577	142	30855	10.36	ng		95
38) 1-Methylnaphthalene	12.794	142	29038	10.37	ng	#	94
40) 1,2,4,5-Tetrachloroben...	12.941	216	16922	8.56	ng		96
41) Hexachlorocyclopentadiene	12.924	237	8986	7.03	ng		86
43) 2,4,6-Trichlorophenol	13.176	196	10716	8.00	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	12295	8.34	ng	#	94
46) 1,1'-Biphenyl	13.582	154	41169	10.60	ng		97
47) 2-Chloronaphthalene	13.623	162	31079	9.92	ng	#	91
48) 2-Nitroaniline	13.822	65	9000	7.76	ng		87
49) Acenaphthylene	14.469	152	47324	9.33	ng		97
50) Dimethylphthalate	14.193	163	40678	9.24	ng		96
51) 2,6-Dinitrotoluene	14.310	165	8777	9.26	ng		99
52) Acenaphthene	14.810	154	33102	9.71	ng		98
53) 3-Nitroaniline	14.639	138	8885	9.79	ng	#	70
54) 2,4-Dinitrophenol	14.851	184	4077	7.05	ng	#	79
55) Dibenzofuran	15.144	168	51189	10.08	ng		92
56) 4-Nitrophenol	14.945	139	7308	9.00	ng		94
57) 2,4-Dinitrotoluene	15.097	165	11782	8.75	ng	#	74
58) Fluorene	15.797	166	44050	10.34	ng		88
59) 2,3,4,6-Tetrachlorophenol	15.368	232	11930	8.20	ng	#	96
60) Diethylphthalate	15.556	149	43150	10.02	ng		100
61) 4-Chlorophenyl-phenyle...	15.791	204	23409	9.55	ng		92
62) 4-Nitroaniline	15.808	138	9708	9.76	ng		88
63) Azobenzene	16.079	77	42767	9.13	ng		95
65) 4,6-Dinitro-2-methylph...	15.861	198	7216	8.76	ng		94
66) n-Nitrosodiphenylamine	15.996	169	39286	10.37	ng		97
67) 4-Bromophenyl-phenylether	16.684	248	15092	9.16	ng		83
68) Hexachlorobenzene	16.801	284	15740	8.92	ng	#	89
69) Atrazine	16.942	200	15790	10.36	ng		91
70) Pentachlorophenol	17.148	266	8026	6.84	ng		99
71) Phenanthrene	17.542	178	69836	10.11	ng		98
72) Anthracene	17.636	178	70124	10.23	ng		98
73) Carbazole	17.900	167	66909	10.24	ng		97
74) Di-n-butylphthalate	18.458	149	72605	10.03	ng		97
75) Fluoranthene	19.551	202	88429	9.61	ng		96
77) Benzidine	19.727	184	40866m	10.36	ng		
78) Pyrene	19.915	202	91425	10.11	ng		98
80) Butylbenzylphthalate	20.797	149	32095	9.98	ng		98
81) Benzo(a)anthracene	21.778	228	91020	9.96	ng		98
82) 3,3'-Dichlorobenzidine	21.690	252	29779	9.03	ng		93
83) Chrysene	21.848	228	85202	9.73	ng		95
84) Bis(2-ethylhexyl)phtha...	21.678	149	44395	9.99	ng		99
85) Di-n-octyl phthalate	22.929	149	78618	10.57	ng		99
87) Indeno(1,2,3-cd)pyrene	28.952	276	91083	9.17	ng	#	96
88) Benzo(b)fluoranthene	24.069	252	84458	9.20	ng		98
89) Benzo(k)fluoranthene	24.140	252	83850	9.68	ng		99
90) Benzo(a)pyrene	24.980	252	78904	9.42	ng		99
91) Dibenzo(a,h)anthracene	29.034	278	80939	9.55	ng	#	92
92) Benzo(g,h,i)perylene	30.156	276	78052	9.49	ng	#	92

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

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