Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
Data File : BG049619.D
Acq On : 3 Aug 2021 11:13
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
8/4/2021 3:44:19 PM

Quant Time: Aug 03 12:35:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 11:43:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.043	152	24997	20.000	ng	#	0.00
21) Naphthalene-d8	10.862	136	100018	20.000	ng	#	0.00
39) Acenaphthene-d10	14.692	164	70222	20.000	ng		0.00
64) Phenanthrene-d10	17.448	188	152988	20.000	ng	#	0.00
76) Chrysene-d12	21.724	240	147524	20.000	ng		0.00
86) Perylene-d12	25.002	264	157324	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	58529	39.725	ng		0.00
7) Phenol-d6	7.197	99	87506	40.781	ng		0.00
23) Nitrobenzene-d5	9.212	82	92195	41.300	ng		0.00
42) 2,4,6-Tribromophenol	16.185	330	42297	44.978	ng		0.00
45) 2-Fluorobiphenyl	13.312	172	202680	41.531	ng		0.00
79) Terphenyl-d14	20.056	244	340553	45.083	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.461	88	13023	19.511	ng	#	92
3) Pyridine	3.872	79	37115	21.821	ng		88
4) n-Nitrosodimethylamine	3.790	42	19183	22.966	ng	#	81
6) Aniline	7.361	93	46761	20.150	ng		92
8) 2-Chlorophenol	7.608	128	31913	21.123	ng		96
9) Benzaldehyde	7.173	77	31137	21.844	ng		91
10) Phenol	7.220	94	44435	21.740	ng		95
11) bis(2-Chloroethyl)ether	7.455	93	29174	20.836	ng		88
12) 1,3-Dichlorobenzene	7.931	146	35851	20.068	ng		91
13) 1,4-Dichlorobenzene	8.078	146	37351	20.997	ng		97
14) 1,2-Dichlorobenzene	8.401	146	35087	20.418	ng		92
15) Benzyl Alcohol	8.278	79	38187	21.772	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.565	45	33918	20.738	ng		93
17) 2-Methylphenol	8.483	107	28140	20.678	ng		93
18) Hexachloroethane	9.129	117	13968	20.204	ng	#	88
19) n-Nitroso-di-n-propyla...	8.847	70	28883	20.487	ng		95
20) 3+4-Methylphenols	8.812	107	39966	21.431	ng		96
22) Acetophenone	8.865	105	57155	21.340	ng	#	98
24) Nitrobenzene	9.253	77	49367	21.056	ng		98
25) Isophorone	9.776	82	84260	21.303	ng	#	97
26) 2-Nitrophenol	9.969	139	19193	22.552	ng		96
27) 2,4-Dimethylphenol	10.022	122	27231	20.014	ng		96
28) bis(2-Chloroethoxy)met...	10.257	93	37301	21.137	ng	#	89
29) 2,4-Dichlorophenol	10.510	162	34191	21.671	ng		90
30) 1,2,4-Trichlorobenzene	10.727	180	36658	20.573	ng		94
31) Naphthalene	10.915	128	107367	20.355	ng		98
32) Benzoic acid	10.146	122	16004m	17.902	ng		
33) 4-Chloroaniline	11.021	127	41747	20.739	ng	#	93
34) Hexachlorobutadiene	11.197	225	26618	20.847	ng		99
35) Caprolactam	11.785	113	10444	21.317	ng		95
36) 4-Chloro-3-methylphenol	12.143	107	39724	21.348	ng	#	91
37) 2-Methylnaphthalene	12.519	142	80978	21.034	ng		94
38) 1-Methylnaphthalene	12.742	142	77107	20.948	ng		96
40) 1,2,4,5-Tetrachloroben...	12.889	216	41436	19.954	ng		97
41) Hexachlorocyclopentadiene	12.865	237	18360	19.807	ng		88
43) 2,4,6-Trichlorophenol	13.130	196	28413	20.979	ng		86

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.200	196	31555	21.537	ng	#	82
46) 1,1'-Biphenyl	13.523	154	102130	19.839	ng		99
47) 2-Chloronaphthalene	13.570	162	82332	20.821	ng		97
48) 2-Nitroaniline	13.770	65	30493	22.160	ng		91
49) Acenaphthylene	14.416	152	128673	20.071	ng		96
50) Dimethylphthalate	14.140	163	108052	21.181	ng		99
51) 2,6-Dinitrotoluene	14.264	165	24224	21.870	ng		95
52) Acenaphthene	14.757	154	78956	20.404	ng		98
53) 3-Nitroaniline	14.598	138	23248	20.933	ng		92
54) 2,4-Dinitrophenol	14.810	184	13056	28.006	ng	#	83
55) Dibenzofuran	15.092	168	125601	20.228	ng		95
56) 4-Nitrophenol	14.904	139	16935	19.331	ng		91
57) 2,4-Dinitrotoluene	15.057	165	33975	22.194	ng		92
58) Fluorene	15.744	166	100970	20.068	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.321	232	30084m	22.461	ng		
60) Diethylphthalate	15.503	149	108485	21.171	ng		98
61) 4-Chlorophenyl-phenyle...	15.732	204	53845	21.039	ng		94
62) 4-Nitroaniline	15.762	138	25151	21.516	ng		91
63) Azobenzene	16.026	77	118104	20.813	ng		90
65) 4,6-Dinitro-2-methylph...	15.826	198	19061	22.999	ng		92
66) n-Nitrosodiphenylamine	15.944	169	89186	20.295	ng		98
67) 4-Bromophenyl-phenylether	16.631	248	36637	21.143	ng		99
68) Hexachlorobenzene	16.748	284	40927	20.858	ng		98
69) Atrazine	16.889	200	35206	20.219	ng		94
70) Pentachlorophenol	17.095	266	19484	22.094	ng		98
71) Phenanthrene	17.489	178	165472	20.121	ng		96
72) Anthracene	17.577	178	162922	20.156	ng		99
73) Carbazole	17.847	167	155098	20.173	ng		96
74) Di-n-butylphthalate	18.399	149	178763	20.390	ng		99
75) Fluoranthene	19.498	202	207769	20.291	ng		95
77) Benzidine	19.674	184	70898	17.364	ng		99
78) Pyrene	19.862	202	211104	21.802	ng		97
80) Butylbenzylphthalate	20.737	149	78246	22.226	ng		91
81) Benzo(a)anthracene	21.706	228	199895	21.392	ng		95
82) 3,3'-Dichlorobenzidine	21.618	252	57153	21.201	ng		100
83) Chrysene	21.771	228	187779	20.837	ng		96
84) Bis(2-ethylhexyl)phtha...	21.601	149	111768	21.170	ng		91
85) Di-n-octyl phthalate	22.828	149	187523	20.563	ng		99
87) Indeno(1,2,3-cd)pyrene	28.750	276	233033	20.924	ng		97
88) Benzo(b)fluoranthene	23.956	252	207198	20.439	ng	#	94
89) Benzo(k)fluoranthene	24.027	252	199271	21.133	ng	#	98
90) Benzo(a)pyrene	24.849	252	191318	20.822	ng	#	96
91) Dibenzo(a,h)anthracene	28.820	278	196948	21.058	ng	#	94
92) Benzo(g,h,i)perylene	29.913	276	192847	20.838	ng	#	96

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

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