Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
Data File : BG052683.D
Acq On : 16 Mar 2022 18:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Mar 16 19:36:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 15:56:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.157	152	42790	20.000	ng		0.00
21) Naphthalene-d8	10.965	136	159994	20.000	ng	#	0.00
39) Acenaphthene-d10	14.772	164	113185	20.000	ng		0.00
64) Phenanthrene-d10	17.515	188	272532	20.000	ng		0.00
76) Chrysene-d12	21.803	240	295137	20.000	ng		0.00
86) Perylene-d12	25.122	264	314783	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.708	112	191992	78.139	ng		0.00
7) Phenol-d6	7.294	99	273275	73.773	ng		0.00
23) Nitrobenzene-d5	9.315	82	271657	85.219	ng		0.00
42) 2,4,6-Tribromophenol	16.258	330	120607	79.300	ng		0.00
45) 2-Fluorobiphenyl	13.403	172	601955	78.437	ng		0.00
79) Terphenyl-d14	20.118	244	1240749	74.782	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	48816	39.717	ng		96
3) Pyridine	4.004	79	126949	40.292	ng		91
4) n-Nitrosodimethylamine	3.904	42	53145	38.023	ng		92
6) Aniline	7.470	93	158227	36.429	ng		95
8) 2-Chlorophenol	7.717	128	94426	36.574	ng		97
9) Benzaldehyde	7.282	77	77026	37.112	ng		96
10) Phenol	7.323	94	135750	37.125	ng		94
11) bis(2-Chloroethyl)ether	7.564	93	99364	35.983	ng		90
12) 1,3-Dichlorobenzene	8.040	146	116508	37.480	ng		91
13) 1,4-Dichlorobenzene	8.187	146	119410	38.233	ng		97
14) 1,2-Dichlorobenzene	8.510	146	109013	36.906	ng		97
15) Benzyl Alcohol	8.380	79	113033	36.240	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.686	45	168971	35.137	ng		97
17) 2-Methylphenol	8.586	107	87794	36.016	ng		98
18) Hexachloroethane	9.250	117	42423	37.021	ng		94
19) n-Nitroso-di-n-propyla...	8.956	70	92503	35.259	ng		97
20) 3+4-Methylphenols	8.909	107	125537	36.799	ng		93
22) Acetophenone	8.974	105	160901	38.861	ng	#	97
24) Nitrobenzene	9.356	77	135443	42.464	ng		95
25) Isophorone	9.884	82	236474	38.311	ng		98
26) 2-Nitrophenol	10.066	139	48928	44.174	ng		98
27) 2,4-Dimethylphenol	10.125	122	85049	37.532	ng		94
28) bis(2-Chloroethoxy)met...	10.360	93	140718	38.556	ng		99
29) 2,4-Dichlorophenol	10.607	162	102162	40.066	ng		96
30) 1,2,4-Trichlorobenzene	10.830	180	122273	40.650	ng		93
31) Naphthalene	11.018	128	323732	39.129	ng		99
32) Benzoic acid	10.231	122	60061	37.147	ng		89
33) 4-Chloroaniline	11.112	127	135090	38.524	ng		97
34) Hexachlorobutadiene	11.312	225	87721	40.675	ng		99
35) Caprolactam	11.893	113	30171	43.334	ng	#	91
36) 4-Chloro-3-methylphenol	12.222	107	117464	39.671	ng		99
37) 2-Methylnaphthalene	12.616	142	229853	37.936	ng		97
38) 1-Methylnaphthalene	12.833	142	225492	38.133	ng		98
40) 1,2,4,5-Tetrachloroben...	12.980	216	141748	40.086	ng		99
41) Hexachlorocyclopentadiene	12.963	237	87087	41.548	ng		91
43) 2,4,6-Trichlorophenol	13.209	196	95333	42.098	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.280	196	100823	43.865	ng		97
46) 1,1'-Biphenyl	13.609	154	308257	38.944	ng		98
47) 2-Chloronaphthalene	13.656	162	244200	39.175	ng		98
48) 2-Nitroaniline	13.844	65	77865	45.674	ng		98
49) Acenaphthylene	14.496	152	387679	39.014	ng		99
50) Dimethylphthalate	14.220	163	330619	39.303	ng		99
51) 2,6-Dinitrotoluene	14.337	165	64152	45.169	ng		91
52) Acenaphthene	14.836	154	250641	39.372	ng		96
53) 3-Nitroaniline	14.660	138	74748	44.977	ng	#	93
54) 2,4-Dinitrophenol	14.860	184	35742	46.168	ng	#	63
55) Dibenzofuran	15.171	168	398508	38.333	ng		98
56) 4-Nitrophenol	14.954	139	61385	45.280	ng		91
57) 2,4-Dinitrotoluene	15.118	165	93420	47.406	ng		89
58) Fluorene	15.817	166	315919	37.280	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.389	232	103809	42.254	ng		99
60) Diethylphthalate	15.582	149	343124	38.642	ng		99
61) 4-Chlorophenyl-phenyle...	15.806	204	179059	38.314	ng		95
62) 4-Nitroaniline	15.823	138	76550	43.592	ng		89
63) Azobenzene	16.099	77	358495	37.773	ng		97
65) 4,6-Dinitro-2-methylph...	15.882	198	55941	46.042	ng		96
66) n-Nitrosodiphenylamine	16.017	169	291921	38.047	ng		99
67) 4-Bromophenyl-phenylether	16.699	248	117857	35.870	ng		94
68) Hexachlorobenzene	16.822	284	136966	38.782	ng		92
69) Atrazine	16.963	200	116748	41.266	ng		92
70) Pentachlorophenol	17.163	266	91185	41.617	ng		94
71) Phenanthrene	17.556	178	560963	38.476	ng		98
72) Anthracene	17.650	178	560454	38.885	ng		98
73) Carbazole	17.909	167	560045	39.234	ng		99
74) Di-n-butylphthalate	18.473	149	634410	40.683	ng		99
75) Fluoranthene	19.559	202	751423	40.602	ng		98
77) Benzidine	19.730	184	295181	38.777	ng		98
78) Pyrene	19.924	202	756174	36.936	ng		99
80) Butylbenzylphthalate	20.805	149	284994	39.243	ng		98
81) Benzo(a)anthracene	21.786	228	767659	38.844	ng		99
82) 3,3'-Dichlorobenzidine	21.692	252	270288	38.729	ng		97
83) Chrysene	21.850	228	713108	38.382	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	389516	39.440	ng		98
85) Di-n-octyl phthalate	22.949	149	665090	40.452	ng		98
87) Indeno(1,2,3-cd)pyrene	28.923	276	845936	39.262	ng	#	95
88) Benzo(b)fluoranthene	24.071	252	753426	38.548	ng		98
89) Benzo(k)fluoranthene	24.141	252	712131	37.033	ng		98
90) Benzo(a)pyrene	24.970	252	638024	38.564	ng		99
91) Dibenzo(a,h)anthracene	29.000	278	692223	38.990	ng		98
92) Benzo(g,h,i)perylene	30.116	276	701456	39.932	ng	#	95

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

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