Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072321\
Data File : BG049427.D
Acq On : 23 Jul 2021 14:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 23 16:11:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:57:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.057	152	24790	20.000	ng		0.00
21) Naphthalene-d8	10.877	136	96655	20.000	ng	#	0.00
39) Acenaphthene-d10	14.707	164	65723	20.000	ng		0.00
64) Phenanthrene-d10	17.456	188	143712	20.000	ng	#	0.00
76) Chrysene-d12	21.739	240	154401	20.000	ng		0.00
86) Perylene-d12	25.017	264	162456	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.608	112	124404	85.141	ng		0.00
7) Phenol-d6	7.211	99	177859	83.581	ng		0.00
23) Nitrobenzene-d5	9.226	82	175907	81.541	ng		0.00
42) 2,4,6-Tribromophenol	16.199	330	75179	85.416	ng		0.00
45) 2-Fluorobiphenyl	13.327	172	355293	77.787	ng		0.00
79) Terphenyl-d14	20.064	244	616672	78.000	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.469	88	26730	40.381	ng		96
3) Pyridine	3.881	79	72686	43.090	ng		86
4) n-Nitrosodimethylamine	3.798	42	38612	46.612	ng	#	71
6) Aniline	7.376	93	94290	40.970	ng		96
8) 2-Chlorophenol	7.617	128	63490	42.374	ng		94
9) Benzaldehyde	7.188	77	60280	42.642	ng		91
10) Phenol	7.235	94	88511	43.666	ng		91
11) bis(2-Chloroethyl)ether	7.470	93	56649	40.797	ng		92
12) 1,3-Dichlorobenzene	7.946	146	72037	40.661	ng		98
13) 1,4-Dichlorobenzene	8.092	146	74657	42.319	ng		92
14) 1,2-Dichlorobenzene	8.416	146	70152	41.164	ng		90
15) Benzyl Alcohol	8.298	79	74601	42.888	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.592	45	67613	41.685	ng		99
17) 2-Methylphenol	8.498	107	57112	42.318	ng	#	92
18) Hexachloroethane	9.150	117	28146	41.052	ng	#	81
19) n-Nitroso-di-n-propyla...	8.868	70	56034	40.077	ng	#	92
20) 3+4-Methylphenols	8.827	107	76699	41.472	ng		99
22) Acetophenone	8.886	105	105226	40.655	ng	#	99
24) Nitrobenzene	9.273	77	93528	41.280	ng		98
25) Isophorone	9.790	82	158171	41.381	ng		99
26) 2-Nitrophenol	9.984	139	34743	42.244	ng		92
27) 2,4-Dimethylphenol	10.043	122	51770	39.374	ng		94
28) bis(2-Chloroethoxy)met...	10.278	93	67917	39.826	ng	#	90
29) 2,4-Dichlorophenol	10.524	162	62357	40.899	ng		90
30) 1,2,4-Trichlorobenzene	10.742	180	71037	41.254	ng		98
31) Naphthalene	10.930	128	200979	39.427	ng		99
32) Benzoic acid	10.184	122	35447	38.890	ng		82
33) 4-Chloroaniline	11.036	127	79720	40.981	ng		97
34) Hexachlorobutadiene	11.212	225	51946	42.099	ng		96
35) Caprolactam	11.805	113	19493	41.172	ng	#	84
36) 4-Chloro-3-methylphenol	12.158	107	72679	40.417	ng	#	89
37) 2-Methylnaphthalene	12.534	142	150980	40.581	ng		95
38) 1-Methylnaphthalene	12.751	142	140674	39.546	ng		96
40) 1,2,4,5-Tetrachloroben...	12.904	216	78213	40.243	ng		98
41) Hexachlorocyclopentadiene	12.880	237	40353	43.628	ng		89
43) 2,4,6-Trichlorophenol	13.139	196	51870	40.920	ng		94

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44) 2,4,5-Trichlorophenol	13.215	196	55956	40.806	ng		87
46) 1,1'-Biphenyl	13.538	154	187366	38.887	ng		98
47) 2-Chloronaphthalene	13.585	162	146055	39.465	ng		97
48) 2-Nitroaniline	13.785	65	54523	42.335	ng		96
49) Acenaphthylene	14.431	152	236526	39.419	ng		98
50) Dimethylphthalate	14.155	163	189462	39.682	ng		99
51) 2,6-Dinitrotoluene	14.278	165	41715	40.240	ng		99
52) Acenaphthene	14.772	154	143883	39.729	ng		94
53) 3-Nitroaniline	14.607	138	42082	40.485	ng		93
54) 2,4-Dinitrophenol	14.813	184	20704	41.413	ng		97
55) Dibenzofuran	15.106	168	227806	39.200	ng		98
56) 4-Nitrophenol	14.919	139	32071	39.114	ng		94
57) 2,4-Dinitrotoluene	15.065	165	59353	41.427	ng		92
58) Fluorene	15.753	166	182421	38.738	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.330	232	50618	40.379	ng		95
60) Diethylphthalate	15.518	149	194220	40.497	ng		95
61) 4-Chlorophenyl-phenyle...	15.747	204	95319	39.794	ng		93
62) 4-Nitroaniline	15.770	138	42812	39.131	ng		94
63) Azobenzene	16.035	77	208928	39.339	ng		88
65) 4,6-Dinitro-2-methylph...	15.829	198	35242	45.267	ng		96
66) n-Nitrosodiphenylamine	15.958	169	156758	37.974	ng		96
67) 4-Bromophenyl-phenylether	16.640	248	66960	41.136	ng		97
68) Hexachlorobenzene	16.763	284	71783	38.944	ng		96
69) Atrazine	16.904	200	65154	39.833	ng		97
70) Pentachlorophenol	17.110	266	37101	41.144	ng		99
71) Phenanthrene	17.497	178	297434	38.501	ng		98
72) Anthracene	17.591	178	293198	38.614	ng		97
73) Carbazole	17.862	167	284177	39.348	ng		99
74) Di-n-butylphthalate	18.408	149	329121	39.963	ng		98
75) Fluoranthene	19.506	202	380983	39.608	ng		96
77) Benzidine	19.683	184	172227	40.303	ng		97
78) Pyrene	19.871	202	389284	38.413	ng		97
80) Butylbenzylphthalate	20.746	149	148194	40.219	ng		97
81) Benzo(a)anthracene	21.721	228	377936	38.643	ng		99
82) 3,3'-Dichlorobenzidine	21.633	252	113405	40.193	ng		95
83) Chrysene	21.786	228	361338	38.311	ng		96
84) Bis(2-ethylhexyl)phtha...	21.615	149	220175	39.845	ng		97
85) Di-n-octyl phthalate	22.849	149	372681	39.047	ng		98
87) Indeno(1,2,3-cd)pyrene	28.776	276	452050	39.308	ng	#	97
88) Benzo(b)fluoranthene	23.977	252	420049	40.127	ng	#	94
89) Benzo(k)fluoranthene	24.047	252	382370	39.270	ng	#	99
90) Benzo(a)pyrene	24.864	252	376734	39.707	ng	#	96
91) Dibenzo(a,h)anthracene	28.847	278	375990	38.931	ng	#	95
92) Benzo(g,h,i)perylene	29.951	276	371263	38.849	ng	#	96

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

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