Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049224.D
Acq On : 8 Jul 2021 20:24
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010302

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:52 PM

Quant Time: Jul 09 02:35:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	29624	20.000	ng/ul	0.00
20) Naphthalene-d8	10.894	136	122855	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.724	164	86933	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	208301	20.000	ng/ul	0.00
79) Chrysene-d12	21.757	240	231173	20.000	ng/ul	0.00
88) Perylene-d12	25.053	264	234779	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.467	96	2434	3.560	ng/uL	0.00
4) Pyridine-d5	3.896	84	16725	7.990	ng/ul	0.00
7) Phenol-d5	7.227	99	25905	10.065	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	15232	9.584	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	19488	10.896	ng/ul	0.00
15) 4-Methylphenol-d8	8.778	113	19317	9.150	ng/ul	0.00
21) Nitrobenzene-d5	9.242	128	9701	11.404	ng/ul	0.00
24) 2-Nitrophenol-d4	9.971	143	11010	11.822	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.512	165	21177	9.253	ng/ul	0.00
31) 4-Chloroaniline-d4	11.029	131	28733	9.970	ng/ul	0.00
46) Dimethylphthalate-d6	14.119	166	70999	9.928	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	83011	10.570	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	10824	10.163	ng/ul	0.00
60) Fluorene-d10	15.711	176	58945	9.338	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.829	200	12152	11.416	ng/ul	0.00
73) Anthracene-d10	17.568	188	100137	10.522	ng/ul	0.00
81) Pyrene-d10	19.854	212	122245	10.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.824	264	125754	9.881	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.502	88	3368m	4.909	ng/uL	
5) Pyridine	3.908	79	20765	9.931	ng/ul	91
6) Benzaldehyde	7.210	77	13400	8.245	ng/ul	90
8) Phenol	7.257	94	25975	9.547	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.486	93	20480	10.322	ng/ul	91
12) 2-Chlorophenol	7.633	128	19947	10.508	ng/ul	93
13) 2-Methylphenol	8.514	108	19291	9.477	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.602	45	32237	13.751	ng/ul#	89
16) Acetophenone	8.902	105	34526	9.975	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.878	70	18155	8.847	ng/ul#	95
18) 4-Methylphenol	8.843	108	20027	9.372	ng/ul	88
19) Hexachloroethane	9.166	117	8820	9.971	ng/ul	93
22) Nitrobenzene	9.284	77	27901	9.949	ng/ul#	91
23) Isophorone	9.807	82	46848	8.082	ng/ul	97
25) 2-Nitrophenol	10.000	139	11244	10.602	ng/ul	96
26) 2,4-Dimethylphenol	10.053	107	25009	8.961	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.294	93	26536	9.094	ng/ul	97
29) 2,4-Dichlorophenol	10.541	162	20276	9.484	ng/ul#	90
30) Naphthalene	10.946	128	64705	9.966	ng/ul	97
32) 4-Chloroaniline	11.052	127	28877	10.188	ng/ul	90
33) Hexachlorobutadiene	11.234	225	16781	8.252	ng/ul	96
34) Caprolactam	11.810	113	6471m	7.945	ng/ul	
35) 4-Chloro-3-methylphenol	12.174	107	22458	8.957	ng/ul	94
36) 2-Methylnaphthalene	12.550	142	48944	9.773	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.768	142	49578	9.995	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.915	216	28874	8.725	ng/ul#	94
40)	Hexachlorocyclopentadiene	12.897	237	15728	6.545	ng/ul	93
41)	2,4,6-Trichlorophenol	13.150	196	18207	8.941	ng/ul	92
42)	2,4,5-Trichlorophenol	13.226	196	19820	9.067	ng/ul	82
43)	1,1'-Biphenyl	13.555	154	61690	9.590	ng/ul	99
44)	2-Chloronaphthalene	13.596	162	49093	9.743	ng/ul	96
45)	2-Nitroaniline	13.796	65	17075	10.970	ng/ul	94
47)	Dimethylphthalate	14.166	163	65064	9.007	ng/ul#	97
48)	2,6-Dinitrotoluene	14.290	165	13787	11.144	ng/ul	90
50)	Acenaphthylene	14.442	152	73097	9.707	ng/ul	98
51)	3-Nitroaniline	14.619	138	11329	9.525	ng/ul#	85
52)	Acenaphthene	14.783	153	52207	9.348	ng/ul	97
53)	2,4-Dinitrophenol	14.824	184	6699	8.139	ng/ul	97
55)	4-Nitrophenol	14.924	109	14140	10.024	ng/ul	95
56)	Dibenzofuran	15.118	168	74919	9.444	ng/ul	99
57)	2,4-Dinitrotoluene	15.077	165	20282	11.397	ng/ul#	87
58)	2,3,4,6-Tetrachlorophenol	15.341	232	17907	8.666	ng/ul#	87
59)	Diethylphthalate	15.529	149	69955	9.690	ng/ul	99
61)	Fluorene	15.770	166	63897	9.462	ng/ul#	89
62)	4-Chlorophenyl-phenyle...	15.758	204	34758	8.485	ng/ul	96
63)	4-Nitroaniline	15.776	138	10875	8.781	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.841	198	11699	10.467	ng/ul#	94
67)	N-Nitrosodiphenylamine	15.970	169	53789	9.323	ng/ul	96
68)	4-Bromophenyl-phenylether	16.657	248	24079	9.089	ng/ul	97
69)	Hexachlorobenzene	16.775	284	26901	9.662	ng/ul	94
70)	Atrazine	16.916	200	26112	10.057	ng/ul	97
71)	Pentachlorophenol	17.122	266	12964	7.339	ng/ul	95
72)	Phenanthrene	17.515	178	107026	10.119	ng/ul	96
74)	Anthracene	17.603	178	110041	10.113	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.520	216	29463	9.022	ng/uL	95
76)	Pentachlorobenzene	15.042	250	31079	9.085	ng/uL	99
77)	Carbazole	17.874	167	97427	10.569	ng/ul	97
78)	Di-n-butylphthalate	18.426	149	120943	10.483	ng/ul	99
80)	Fluoranthene	19.519	202	142233	9.696	ng/ul	98
82)	Pyrene	19.883	202	144592	9.870	ng/ul	99
83)	Butylbenzylphthalate	20.764	149	55361	10.567	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.646	252	55003	9.714	ng/ul	97
85)	Benzo(a)anthracene	21.734	228	149806	9.808	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.634	149	80245	10.507	ng/ul	97
87)	Chrysene	21.804	228	141730	9.704	ng/ul	98
89)	Di-n-octyl phthalate	22.874	149	135681	10.617	ng/ul	100
90)	Benzo(b)fluoranthene	24.002	252	148651	9.573	ng/ul#	97
91)	Benzo(k)fluoranthene	24.066	252	149455	9.794	ng/ul	99
93)	Benzo(a)pyrene	24.889	252	132907	9.743	ng/ul	96
94)	Indeno(1,2,3-cd)pyrene	28.820	276	170679m	9.726	ng/ul	
95)	Dibenzo(a,h)anthracene	28.884	278	142930m	10.018	ng/ul	
96)	Benzo(g,h,i)perylene	30.001	276	141411	9.942	ng/ul#	89

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

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