Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050731.D
Acq On : 26 Oct 2021 14:51
Operator : CG/JU
Sample : SSTD01048
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010448

Manual Integrations APPROVED
mohammad
10/27/2021 11:49:48 AM

Quant Time: Oct 26 16:23:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 15:37:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.247	152	34871	20.000	ng/ul		0.00
20) Naphthalene-d8	11.079	136	150858	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.881	164	101984	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.625	188	230581	20.000	ng/ul		0.00
79) Chrysene-d12	21.931	240	193589	20.000	ng/ul	#	0.00
88) Perylene-d12	25.363	264	193037	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.600	96	3536	3.725	ng/uL		0.00
4) Pyridine-d5	4.035	84	25369	8.970	ng/ul		0.00
7) Phenol-d5	7.390	99	29782	9.775	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.560	67	20100	10.483	ng/ul		0.00
11) 2-Chlorophenol-d4	7.777	132	22450	10.517	ng/ul		0.00
15) 4-Methylphenol-d8	8.947	113	22791	9.883	ng/ul		0.00
21) Nitrobenzene-d5	9.423	128	11187	10.600	ng/ul		0.00
24) 2-Nitrophenol-d4	10.151	143	11989	10.585	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.692	165	22267	9.956	ng/ul		0.00
31) 4-Chloroaniline-d4	11.209	131	31646	9.904	ng/ul		0.00
46) Dimethylphthalate-d6	14.270	166	71677	10.270	ng/ul		0.00
49) Acenaphthylene-d8	14.575	160	88869	10.139	ng/ul		0.00
54) 4-Nitrophenol-d4	15.063	143	11358	8.449	ng/ul		0.00
60) Fluorene-d10	15.868	176	60832	9.674	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.980	200	11183	9.724	ng/ul		0.00
73) Anthracene-d10	17.725	188	100238	10.290	ng/ul		0.00
81) Pyrene-d10	19.998	212	111752	10.856	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.122	264	96468	9.938	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.641	88	4667	4.064	ng/uL		97
5) Pyridine	4.052	79	27844	9.719	ng/ul		96
6) Benzaldehyde	7.384	77	24248	12.068	ng/ul		99
8) Phenol	7.419	94	31873	10.207	ng/ul		98
10) Bis(2-Chloroethyl)ether	7.654	93	24726	10.556	ng/ul		99
12) 2-Chlorophenol	7.807	128	22381	10.247	ng/ul	#	87
13) 2-Methylphenol	8.682	108	23035	10.009	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.770	45	39442	11.223	ng/ul		98
16) Acetophenone	9.076	105	38466	10.499	ng/ul		96
17) N-Nitroso-di-n-propyla...	9.047	70	23560	10.700	ng/ul		93
18) 4-Methylphenol	9.011	108	24823	10.185	ng/ul		94
19) Hexachloroethane	9.340	117	9662	10.293	ng/ul		88
22) Nitrobenzene	9.464	77	32847	10.385	ng/ul		97
23) Isophorone	9.987	82	62196	10.232	ng/ul		96
25) 2-Nitrophenol	10.181	139	13168	11.312	ng/ul		99
26) 2,4-Dimethylphenol	10.227	107	28800	9.967	ng/ul		100
27) Bis(2-Chloroethoxy)met...	10.463	93	33951	10.345	ng/ul		100
29) 2,4-Dichlorophenol	10.721	162	21535	9.725	ng/ul		92
30) Naphthalene	11.132	128	75734	9.778	ng/ul		98
32) 4-Chloroaniline	11.232	127	31865	9.906	ng/ul		98
33) Hexachlorobutadiene	11.403	225	14999	9.321	ng/ul		91
34) Caprolactam	11.990	113	8706	10.177	ng/ul		97
35) 4-Chloro-3-methylphenol	12.337	107	26570	10.178	ng/ul		96
36) 2-Methylnaphthalene	12.719	142	50379	9.567	ng/ul		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.936	142	51491	9.713	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.077	216	27906	9.482	ng/ul#	97
40) Hexachlorocyclopentadiene	13.054	237	10541	5.401	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.318	196	17506	9.437	ng/ul	97
42) 2,4,5-Trichlorophenol	13.394	196	18770	9.250	ng/ul	99
43) 1,1'-Biphenyl	13.712	154	71017	10.348	ng/ul	99
44) 2-Chloronaphthalene	13.759	162	54228	10.085	ng/ul	95
45) 2-Nitroaniline	13.958	65	20675	11.745	ng/ul	97
47) Dimethylphthalate	14.317	163	71772	10.220	ng/ul	98
48) 2,6-Dinitrotoluene	14.446	165	14016	10.610	ng/ul	94
50) Acenaphthylene	14.605	152	91822	10.328	ng/ul	97
51) 3-Nitroaniline	14.781	138	16126	11.223	ng/ul	98
52) Acenaphthene	14.940	153	59012	10.042	ng/ul	98
53) 2,4-Dinitrophenol	14.993	184	5097	6.190	ng/ul#	88
55) 4-Nitrophenol	15.075	109	10376	7.806	ng/ul	87
56) Dibenzofuran	15.275	168	85614	10.018	ng/ul	95
57) 2,4-Dinitrotoluene	15.228	165	20271	10.568	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.498	232	14093	8.076	ng/ul#	95
59) Diethylphthalate	15.668	149	76682	10.465	ng/ul	98
61) Fluorene	15.921	166	67701	9.957	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.909	204	35935	9.759	ng/ul	97
63) 4-Nitroaniline	15.933	138	16268	11.211	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.997	198	10779	9.482	ng/ul	95
67) N-Nitrosodiphenylamine	16.121	169	61155	10.490	ng/ul	96
68) 4-Bromophenyl-phenylether	16.802	248	20999	9.782	ng/ul	94
69) Hexachlorobenzene	16.926	284	21664	9.583	ng/ul	98
70) Atrazine	17.061	200	25776	10.384	ng/ul	96
71) Pentachlorophenol	17.272	266	7186m	4.854	ng/ul	
72) Phenanthrene	17.666	178	115069	9.997	ng/ul	97
74) Anthracene	17.760	178	116707	10.238	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.682	216	28946	9.522	ng/uL	99
76) Pentachlorobenzene	15.192	250	27137	9.771	ng/uL	98
77) Carbazole	18.024	167	109788	10.760	ng/ul	99
78) Di-n-butylphthalate	18.559	149	138104	11.423	ng/ul	100
80) Fluoranthene	19.669	202	141668	10.959	ng/ul	99
82) Pyrene	20.028	202	140571	11.027	ng/ul#	95
83) Butylbenzylphthalate	20.897	149	57877	12.318	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.814	252	45905	11.505	ng/ul	98
85) Benzo(a)anthracene	21.914	228	122176	10.469	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.785	149	82012	12.147	ng/ul	100
87) Chrysene	21.984	228	116496	10.416	ng/ul	96
89) Di-n-octyl phthalate	23.065	149	140486	12.665	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	121359	10.321	ng/ul	97
91) Benzo(k)fluoranthene	24.334	252	112783	10.308	ng/ul	97
93) Benzo(a)pyrene	25.198	252	115566	10.301	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.299	276	126951	10.079	ng/ul	99
95) Dibenzo(a,h)anthracene	29.364	278	109122	10.180	ng/ul#	95
96) Benzo(g,h,i)perylene	30.527	276	105358	9.923	ng/ul#	95

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

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