Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050171.D
Acq On : 7 Sep 2021 17:02
Operator : CG/JU
Sample : SSTD02031
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 07 17:43:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 17:42:55 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD020431

Manual Integrations APPROVED

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9/9/2021 8:39:30 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	35822	20.000	ng/ul	0.00
20) Naphthalene-d8	10.776	136	157767	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.618	164	80685	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.367	188	179805	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.638	240	177337	20.000	ng/ul	0.00
88) Perylene-d12	24.857	264	184316	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	7029	9.431	ng/uL	0.00
4) Pyridine-d5	3.739	84	47239	16.408	ng/ul	0.00
7) Phenol-d5	7.128	99	55481	17.682	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	38515	22.661	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	48722	20.256	ng/ul	0.00
15) 4-Methylphenol-d8	8.679	113	37673	14.900	ng/ul	0.00
21) Nitrobenzene-d5	9.126	128	18664	16.180	ng/ul	0.00
24) 2-Nitrophenol-d4	9.854	143	25997	18.332	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.406	165	51542	19.731	ng/ul	0.00
31) 4-Chloroaniline-d4	10.917	131	71089	22.103	ng/ul	0.00
46) Dimethylphthalate-d6	14.019	166	117162	17.824	ng/ul	0.00
49) Acenaphthylene-d8	14.313	160	141145	18.323	ng/ul	0.00
54) 4-Nitrophenol-d4	14.853	143	12520	16.040	ng/ul	0.00
60) Fluorene-d10	15.611	176	100728	18.734	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.752	200	17718	15.315	ng/ul	0.00
73) Anthracene-d10	17.467	188	156649	18.159	ng/ul	0.00
81) Pyrene-d10	19.758	212	180996	19.253	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.640	264	184592	17.718	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	7998	9.228	ng/uL	97
5) Pyridine	3.762	79	56215	19.164	ng/ul#	88
6) Benzaldehyde	7.087	77	30851	18.371	ng/ul	93
8) Phenol	7.158	94	62093	20.528	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.369	93	39138	17.499	ng/ul	97
12) 2-Chlorophenol	7.522	128	48503	20.890	ng/ul#	88
13) 2-Methylphenol	8.415	108	36587	15.388	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.473	45	34703m	15.595	ng/ul	
16) Acetophenone	8.785	105	61641	16.883	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.761	70	31748	16.056	ng/ul#	89
18) 4-Methylphenol	8.744	108	39683m	16.250	ng/ul	
19) Hexachloroethane	9.037	117	16956	16.110	ng/ul	94
22) Nitrobenzene	9.172	77	48495	15.750	ng/ul	96
23) Isophorone	9.689	82	85344	14.134	ng/ul#	96
25) 2-Nitrophenol	9.883	139	23455	16.874	ng/ul#	88
26) 2,4-Dimethylphenol	9.948	107	64784	20.763	ng/ul#	85
27) Bis(2-Chloroethoxy)met...	10.171	93	69951	20.703	ng/ul	99
29) 2,4-Dichlorophenol	10.435	162	49046	20.701	ng/ul	94
30) Naphthalene	10.823	128	138015	17.914	ng/ul	97
32) 4-Chloroaniline	10.941	127	69551	23.096	ng/ul	95
33) Hexachlorobutadiene	11.105	225	38444	19.767	ng/ul	94
34) Caprolactam	11.716	113	13847m	18.793	ng/ul	
35) 4-Chloro-3-methylphenol	12.080	107	43860	15.287	ng/ul#	95
36) 2-Methylnaphthalene	12.439	142	88509	15.271	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.656	142	86479	15.127	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.809	216	50242	16.677	ng/ul#	95
40) Hexachlorocyclopentadiene	12.779	237	11815	14.148	ng/ul	95
41) 2,4,6-Trichlorophenol	13.055	196	27811	16.218	ng/ul	97
42) 2,4,5-Trichlorophenol	13.144	196	27492	15.132	ng/ul	87
43) 1,1'-Biphenyl	13.443	154	112165	17.552	ng/ul	98
44) 2-Chloronaphthalene	13.490	162	89344	17.935	ng/ul	98
45) 2-Nitroaniline	13.708	65	27772	16.439	ng/ul	94
47) Dimethylphthalate	14.066	163	112801	18.086	ng/ul	99
48) 2,6-Dinitrotoluene	14.195	165	24045	18.141	ng/ul#	88
50) Acenaphthylene	14.336	152	133266	18.599	ng/ul	96
51) 3-Nitroaniline	14.530	138	18197	15.379	ng/ul	96
52) Acenaphthene	14.677	153	96043	18.781	ng/ul	93
53) 2,4-Dinitrophenol	14.765	184	8983m	16.426	ng/ul	
55) 4-Nitrophenol	14.859	109	14371	16.713	ng/ul	93
56) Dibenzofuran	15.018	168	131895	18.752	ng/ul	98
57) 2,4-Dinitrotoluene	14.994	165	35130	18.781	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.253	232	22301	17.156	ng/ul#	96
59) Diethylphthalate	15.423	149	115032	18.473	ng/ul	97
61) Fluorene	15.664	166	110304	18.639	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.652	204	58251	18.632	ng/ul	97
63) 4-Nitroaniline	15.693	138	14319	12.959	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.769	198	16172	15.920	ng/ul	98
67) N-Nitrosodiphenylamine	15.869	169	92778	17.962	ng/ul	98
68) 4-Bromophenyl-phenylether	16.551	248	40984	17.970	ng/ul	99
69) Hexachlorobenzene	16.674	284	45846	17.941	ng/ul	97
70) Atrazine	16.821	200	40453	18.788	ng/ul	97
71) Pentachlorophenol	17.038	266	8412	11.482	ng/ul	98
72) Phenanthrene	17.414	178	178200	18.291	ng/ul	98
74) Anthracene	17.502	178	179579	18.046	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.414	216	50224	16.371	ng/uL	87
76) Pentachlorobenzene	14.941	250	53903	17.502	ng/uL	93
77) Carbazole	17.778	167	158364	18.192	ng/ul	96
78) Di-n-butylphthalate	18.319	149	194237	18.418	ng/ul	97
80) Fluoranthene	19.429	202	228749	19.596	ng/ul	99
82) Pyrene	19.788	202	222932	19.499	ng/ul	99
83) Butylbenzylphthalate	20.663	149	89656	20.619	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.532	252	74951	18.434	ng/ul	95
85) Benzo(a)anthracene	21.620	228	211869	18.379	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.509	149	118516	18.166	ng/ul	98
87) Chrysene	21.685	228	202108	18.765	ng/ul	96
89) Di-n-octyl phthalate	22.707	149	202915	17.798	ng/ul	100
90) Benzo(b)fluoranthene	23.835	252	217078	17.522	ng/ul#	97
91) Benzo(k)fluoranthene	23.900	252	215065m	18.333	ng/ul	
93) Benzo(a)pyrene	24.710	252	192252	17.792	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.546	276	244613	17.290	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.599	278	202812	17.314	ng/ul	99
96) Benzo(g,h,i)perylene	29.698	276	197097	17.339	ng/ul	96

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

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