Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050729.D
Acq On : 26 Oct 2021 13:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020531

Quant Time: Oct 27 03:53:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 18:31:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.250	152	42081	20.000	ng/ul	0.00
20) Naphthalene-d8	11.082	136	181756	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.877	164	122238	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.627	188	273994	20.000	ng/ul	0.00
79) Chrysene-d12	21.934	240	223405	20.000	ng/ul	0.00
88) Perylene-d12	25.365	264	223604	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.608	96	6936	6.494	ng/uL	0.00
4) Pyridine-d5	4.031	84	54198	16.025	ng/ul	0.00
7) Phenol-d5	7.392	99	60817	15.553	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.562	67	39543	15.717	ng/ul	0.00
11) 2-Chlorophenol-d4	7.774	132	43723	15.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.949	113	47165	15.621	ng/ul	0.00
21) Nitrobenzene-d5	9.425	128	22238	16.029	ng/ul	0.00
24) 2-Nitrophenol-d4	10.153	143	25033	16.001	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.694	165	43515	15.838	ng/ul	0.00
31) 4-Chloroaniline-d4	11.211	131	62261	15.441	ng/ul	0.00
46) Dimethylphthalate-d6	14.272	166	136586	15.822	ng/ul	0.00
49) Acenaphthylene-d8	14.572	160	170508	15.904	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	23757	15.206	ng/ul	0.00
60) Fluorene-d10	15.864	176	118609	15.988	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	23063	14.384	ng/ul	0.00
73) Anthracene-d10	17.721	188	187212	15.936	ng/ul	0.00
81) Pyrene-d10	20.001	212	207255	16.279	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.130	264	187412	16.290	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.643	88	7611	5.745	ng/uL	92
5) Pyridine	4.055	79	54850	15.596	ng/ul	98
6) Benzaldehyde	7.380	77	47153	24.167	ng/ul	92
8) Phenol	7.421	94	63143	15.479	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.656	93	48483	15.754	ng/ul	99
12) 2-Chlorophenol	7.809	128	44754	16.210	ng/ul	96
13) 2-Methylphenol	8.685	108	46661	15.449	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.767	45	77928	16.039	ng/ul	98
16) Acetophenone	9.078	105	75226	15.909	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.049	70	45737	15.992	ng/ul	97
18) 4-Methylphenol	9.014	108	50130	15.737	ng/ul	95
19) Hexachloroethane	9.343	117	19694	16.530	ng/ul	96
22) Nitrobenzene	9.466	77	64773	16.065	ng/ul	99
23) Isophorone	9.983	82	121222	15.815	ng/ul	99
25) 2-Nitrophenol	10.183	139	26707	16.382	ng/ul	99
26) 2,4-Dimethylphenol	10.230	107	56491	15.851	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.465	93	66482	15.997	ng/ul	97
29) 2,4-Dichlorophenol	10.717	162	42856	16.145	ng/ul	99
30) Naphthalene	11.129	128	149517	16.126	ng/ul	100
32) 4-Chloroaniline	11.235	127	62987	15.554	ng/ul	96
33) Hexachlorobutadiene	11.399	225	29521	16.410	ng/ul	93
34) Caprolactam	11.987	113	17260	15.666	ng/ul	99
35) 4-Chloro-3-methylphenol	12.333	107	52327	15.834	ng/ul	98
36) 2-Methylnaphthalene	12.721	142	99628	16.066	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.938	142	100520	16.049	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.079	216	53533	15.764	ng/ul	95
40) Hexachlorocyclopentadiene	13.050	237	23111	12.662	ng/ul	93
41) 2,4,6-Trichlorophenol	13.314	196	34856	15.594	ng/ul	92
42) 2,4,5-Trichlorophenol	13.391	196	36776	15.590	ng/ul	94
43) 1,1'-Biphenyl	13.714	154	134342	15.862	ng/ul	98
44) 2-Chloronaphthalene	13.761	162	104715	15.966	ng/ul	97
45) 2-Nitroaniline	13.961	65	41515	15.870	ng/ul	91
47) Dimethylphthalate	14.319	163	139552	16.098	ng/ul	100
48) 2,6-Dinitrotoluene	14.448	165	28033	15.693	ng/ul#	91
50) Acenaphthylene	14.601	152	173331	15.814	ng/ul	98
51) 3-Nitroaniline	14.777	138	30793	17.839	ng/ul	93
52) Acenaphthene	14.942	153	113869	15.902	ng/ul	99
53) 2,4-Dinitrophenol	14.989	184	13463	13.513	ng/ul#	85
55) 4-Nitrophenol	15.077	109	22011	14.650	ng/ul	84
56) Dibenzofuran	15.271	168	162122	16.013	ng/ul	96
57) 2,4-Dinitrotoluene	15.230	165	42252	16.485	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.494	232	30070	16.353	ng/ul	93
59) Diethylphthalate	15.671	149	149106	16.101	ng/ul	98
61) Fluorene	15.923	166	128727	16.018	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.906	204	67163	15.846	ng/ul	94
63) 4-Nitroaniline	15.941	138	31545	19.523	ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.000	198	23205	14.982	ng/ul	92
67) N-Nitrosodiphenylamine	16.117	169	115208	15.824	ng/ul	98
68) 4-Bromophenyl-phenylether	16.804	248	40560	15.712	ng/ul	93
69) Hexachlorobenzene	16.928	284	41442	15.719	ng/ul	97
70) Atrazine	17.057	200	49710	15.949	ng/ul	98
71) Pentachlorophenol	17.269	266	16683	12.417	ng/ul	99
72) Phenanthrene	17.668	178	216400	15.799	ng/ul	99
74) Anthracene	17.756	178	219295	16.050	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.685	216	57659	15.739	ng/uL	97
76) Pentachlorobenzene	15.195	250	53072	15.686	ng/uL	99
77) Carbazole	18.027	167	204736	16.138	ng/ul	98
78) Di-n-butylphthalate	18.561	149	261438	16.316	ng/ul	99
80) Fluoranthene	19.666	202	264963	16.329	ng/ul	97
82) Pyrene	20.030	202	258465	16.290	ng/ul#	98
83) Butylbenzylphthalate	20.894	149	122414	18.199	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.816	252	90215	18.206	ng/ul	95
85) Benzo(a)anthracene	21.916	228	247766	17.487	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.781	149	188438	19.686	ng/ul	98
87) Chrysene	21.981	228	240129	17.800	ng/ul	98
89) Di-n-octyl phthalate	23.068	149	296091	18.188	ng/ul	100
90) Benzo(b)fluoranthene	24.266	252	246053	17.240	ng/ul	99
91) Benzo(k)fluoranthene	24.337	252	233647	17.566	ng/ul	99
93) Benzo(a)pyrene	25.201	252	234300	17.127	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.313	276	255578	16.907	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.378	278	219237	16.862	ng/ul	99
96) Benzo(g,h,i)perylene	30.541	276	213439	16.901	ng/ul	99

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

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