Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010423\
Data File : BG056199.D
Acq On : 4 Jan 2023 14:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020583

Quant Time: Jan 05 00:17:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 00:14:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	49079	20.000	ng/ul	0.00
20) Naphthalene-d8	11.167	136	202506	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.945	164	177028	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.683	188	462225	20.000	ng/ul	0.00
79) Chrysene-d12	21.978	240	426881	20.000	ng/ul	0.00
88) Perylene-d12	25.433	264	456668	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	8363	7.133	ng/uL	0.00
4) Pyridine-d5	4.070	84	70403	18.417	ng/ul	0.00
7) Phenol-d5	7.466	99	85442	19.192	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.642	67	35840	20.426	ng/ul	0.00
11) 2-Chlorophenol-d4	7.859	132	56976	21.654	ng/ul	0.00
15) 4-Methylphenol-d8	9.029	113	68629	20.483	ng/ul	0.00
21) Nitrobenzene-d5	9.510	128	31903	21.630	ng/ul	0.00
24) 2-Nitrophenol-d4	10.233	143	40966	21.258	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.774	165	82142	19.182	ng/ul	0.00
31) 4-Chloroaniline-d4	11.291	131	95137	19.642	ng/ul	0.00
46) Dimethylphthalate-d6	14.334	166	275066	20.076	ng/ul	0.00
49) Acenaphthylene-d8	14.646	160	297061	19.199	ng/ul	0.00
54) 4-Nitrophenol-d4	15.110	143	42883	20.792	ng/ul	0.00
60) Fluorene-d10	15.926	176	263337	19.472	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	59997	20.192	ng/ul	0.00
73) Anthracene-d10	17.777	188	420790	19.700	ng/ul	0.00
81) Pyrene-d10	20.045	212	497215	21.090	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.192	264	456653	19.674	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	10264	7.826	ng/uL#	97
5) Pyridine	4.093	79	66421	18.066	ng/ul#	92
6) Benzaldehyde	7.460	77	31483	19.263	ng/ul	96
8) Phenol	7.495	94	83633	18.876	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.736	93	58697	20.126	ng/ul	98
12) 2-Chlorophenol	7.895	128	57523	21.766	ng/ul	97
13) 2-Methylphenol	8.764	108	65995	19.838	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.858	45	11038	29.466	ng/ul#	87
16) Acetophenone	9.164	105	107480	19.366	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.134	70	50437	21.494	ng/ul	96
18) 4-Methylphenol	9.093	108	72989	20.255	ng/ul	99
19) Hexachloroethane	9.434	117	21312	20.056	ng/ul	93
22) Nitrobenzene	9.552	77	72127	19.707	ng/ul	92
23) Isophorone	10.069	82	152529	18.228	ng/ul	97
25) 2-Nitrophenol	10.268	139	40853	21.961	ng/ul	99
26) 2,4-Dimethylphenol	10.310	107	83798	19.038	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.550	93	85185	19.644	ng/ul	99
29) 2,4-Dichlorophenol	10.803	162	78440	19.179	ng/ul	95
30) Naphthalene	11.220	128	205352	19.462	ng/ul	98
32) 4-Chloroaniline	11.314	127	95752	19.618	ng/ul	98
33) Hexachlorobutadiene	11.496	225	65429	17.071	ng/ul	99
34) Caprolactam	12.060	113	25833	19.756	ng/ul	96
35) 4-Chloro-3-methylphenol	12.407	107	77248	19.660	ng/ul	93
36) 2-Methylnaphthalene	12.801	142	161219	19.058	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	13.012	142	165270	19.393 ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	13.159	216	132455	18.142 ng/ul	98
40) Hexachlorocyclopentadiene	13.136	237	80048	16.910 ng/ul	95
41) 2,4,6-Trichlorophenol	13.388	196	84114	19.547 ng/ul	96
42) 2,4,5-Trichlorophenol	13.459	196	92112	19.742 ng/ul	99
43) 1,1'-Biphenyl	13.782	154	247264	19.757 ng/ul	97
44) 2-Chloronaphthalene	13.835	162	200768	19.354 ng/ul	100
45) 2-Nitroaniline	14.023	65	39330	27.302 ng/ul	95
47) Dimethylphthalate	14.381	163	272253	20.039 ng/ul	99
48) 2,6-Dinitrotoluene	14.505	165	57632	21.491 ng/ul#	90
50) Acenaphthylene	14.669	152	302392	19.665 ng/ul	97
51) 3-Nitroaniline	14.839	138	43416	21.553 ng/ul	92
52) Acenaphthene	15.010	153	213081	19.726 ng/ul	98
53) 2,4-Dinitrophenol	15.039	184	37911	18.162 ng/ul#	89
55) 4-Nitrophenol	15.127	109	39427	19.650 ng/ul	96
56) Dibenzofuran	15.339	168	328958	19.456 ng/ul	97
57) 2,4-Dinitrotoluene	15.286	165	81680	21.964 ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.556	232	89334	19.370 ng/ul	97
59) Diethylphthalate	15.733	149	253259	20.865 ng/ul	99
61) Fluorene	15.985	166	264178	19.020 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.968	204	164896	18.275 ng/ul	97
63) 4-Nitroaniline	15.991	138	40793	21.223 ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.050	198	58458	20.520 ng/ul	99
67) N-Nitrosodiphenylamine	16.179	169	241191	20.594 ng/ul	99
68) 4-Bromophenyl-phenylether	16.861	248	113999	19.454 ng/ul	93
69) Hexachlorobenzene	16.984	284	115031	20.282 ng/ul	97
70) Atrazine	17.107	200	110046	19.707 ng/ul	96
71) Pentachlorophenol	17.325	266	69806	19.359 ng/ul	98
72) Phenanthrene	17.724	178	462077	19.692 ng/ul	100
74) Anthracene	17.812	178	469812	19.558 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.758	216	133333	19.017 ng/uL	99
76) Pentachlorobenzene	15.257	250	137829	19.914 ng/uL	96
77) Carbazole	18.077	167	390905	19.904 ng/ul	98
78) Di-n-butylphthalate	18.606	149	409349	22.814 ng/ul	98
80) Fluoranthene	19.710	202	589551	21.266 ng/ul	99
82) Pyrene	20.075	202	592532	21.188 ng/ul	99
83) Butylbenzylphthalate	20.932	149	170747	28.690 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.855	252	206158	21.495 ng/ul	99
85) Benzo(a)anthracene	21.955	228	574211	19.707 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.820	149	243027	26.657 ng/ul	98
87) Chrysene	22.025	228	538533	19.916 ng/ul	99
89) Di-n-octyl phthalate	23.112	149	415117	24.564 ng/ul	100
90) Benzo(b)fluoranthene	24.328	252	601993	19.968 ng/ul	99
91) Benzo(k)fluoranthene	24.399	252	581812	19.777 ng/ul	99
93) Benzo(a)pyrene	25.274	252	518888	19.753 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.411	276	666198	19.254 ng/ul	99
95) Dibenzo(a,h)anthracene	29.481	278	559322	19.327 ng/ul	98
96) Benzo(g,h,i)perylene	30.662	276	535602	19.262 ng/ul#	98

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

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