Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052095.D
Acq On : 20 Jan 2022 13:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020498

Quant Time: Jan 20 23:59:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	28073	20.000	ng/ul	0.00
20) Naphthalene-d8	11.095	136	116738	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.896	164	84298	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.645	188	198755	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.963	240	193498	20.000	ng/ul	# 0.00
88) Perylene-d12	25.453	264	198952	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.576	96	5379	6.847	ng/uL	0.00
4) Pyridine-d5	4.005	84	45151	18.488	ng/ul	0.00
7) Phenol-d5	7.400	99	55408	20.166	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.565	67	33112	18.984	ng/ul	0.00
11) 2-Chlorophenol-d4	7.782	132	38634	21.238	ng/ul	0.00
15) 4-Methylphenol-d8	8.963	113	44153	20.672	ng/ul	0.01
21) Nitrobenzene-d5	9.427	128	20783	22.531	ng/ul	0.00
24) 2-Nitrophenol-d4	10.161	143	22757	22.307	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.708	165	46077	23.107	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	57290	20.630	ng/ul	0.00
46) Dimethylphthalate-d6	14.285	166	138569	19.887	ng/ul	0.00
49) Acenaphthylene-d8	14.591	160	180772	21.477	ng/ul	0.00
54) 4-Nitrophenol-d4	15.078	143	20515	17.610	ng/ul	0.01
60) Fluorene-d10	15.883	176	127579	21.000	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.995	200	22832	18.210	ng/ul	0.01
73) Anthracene-d10	17.739	188	203193	21.551	ng/ul	0.00
81) Pyrene-d10	20.019	212	241297	21.668	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.212	264	223949	21.382	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.611	88	5927	6.538	ng/uL#	79
5) Pyridine	4.023	79	47174	18.437	ng/ul	98
6) Benzaldehyde	7.377	77	39530	21.628	ng/ul	92
8) Phenol	7.424	94	57482	20.497	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.653	93	40251	19.607	ng/ul	90
12) 2-Chlorophenol	7.818	128	40184	21.714	ng/ul	95
13) 2-Methylphenol	8.699	108	43190	21.178	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.781	45	56602	18.077	ng/ul	98
16) Acetophenone	9.081	105	66348	19.682	ng/ul	89
17) N-Nitroso-di-n-propyla...	9.063	70	39877	19.363	ng/ul	98
18) 4-Methylphenol	9.028	108	46246	20.935	ng/ul	91
19) Hexachloroethane	9.363	117	16302	20.404	ng/ul#	74
22) Nitrobenzene	9.468	77	57492	20.094	ng/ul	98
23) Isophorone	9.997	82	107102	19.800	ng/ul	98
25) 2-Nitrophenol	10.191	139	24602	21.943	ng/ul	96
26) 2,4-Dimethylphenol	10.244	107	52452	21.560	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.479	93	55561	19.950	ng/ul	98
29) 2,4-Dichlorophenol	10.737	162	43266	22.093	ng/ul	98
30) Naphthalene	11.148	128	139548	22.060	ng/ul	99
32) 4-Chloroaniline	11.242	127	58238	20.578	ng/ul	98
33) Hexachlorobutadiene	11.436	225	33271	21.313	ng/ul	96
34) Caprolactam	11.988	113	14872	19.512	ng/ul	88
35) 4-Chloro-3-methylphenol	12.353	107	49084	21.707	ng/ul	95
36) 2-Methylnaphthalene	12.740	142	100148	22.226	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.958	142	102455	22.155	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.105	216	65762	22.559	ng/ul	97
40) Hexachlorocyclopentadiene	13.087	237	26127	13.062	ng/ul	98
41) 2,4,6-Trichlorophenol	13.334	196	39699	21.546	ng/ul	91
42) 2,4,5-Trichlorophenol	13.410	196	42443	21.369	ng/ul	94
43) 1,1'-Biphenyl	13.727	154	139184	21.387	ng/ul	97
44) 2-Chloronaphthalene	13.780	162	107859	21.401	ng/ul	98
45) 2-Nitroaniline	13.968	65	38151	19.751	ng/ul	94
47) Dimethylphthalate	14.332	163	134802	19.620	ng/ul#	99
48) 2,6-Dinitrotoluene	14.456	165	29155	20.126	ng/ul	98
50) Acenaphthylene	14.620	152	180374	21.763	ng/ul	96
51) 3-Nitroaniline	14.785	138	28634	21.851	ng/ul	100
52) Acenaphthene	14.961	153	116976	21.227	ng/ul	93
53) 2,4-Dinitrophenol	14.990	184	10900	12.762	ng/ul	90
55) 4-Nitrophenol	15.090	109	21506	16.087	ng/ul	88
56) Dibenzofuran	15.290	168	167421	20.918	ng/ul	96
57) 2,4-Dinitrotoluene	15.243	165	43472	20.756	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.519	232	38279	20.778	ng/ul#	86
59) Diethylphthalate	15.689	149	138793	19.580	ng/ul	97
61) Fluorene	15.942	166	140177	21.018	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.924	204	76730	20.732	ng/ul	90
63) 4-Nitroaniline	15.942	138	28700	21.317	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.006	198	22775	18.999	ng/ul#	89
67) N-Nitrosodiphenylamine	16.136	169	121268	22.706	ng/ul	95
68) 4-Bromophenyl-phenylether	16.823	248	52570	22.593	ng/ul#	86
69) Hexachlorobenzene	16.952	284	59256	22.962	ng/ul#	85
70) Atrazine	17.076	200	52889	21.345	ng/ul	97
71) Pentachlorophenol	17.293	266	24082	16.710	ng/ul	96
72) Phenanthrene	17.687	178	228732	21.963	ng/ul	99
74) Anthracene	17.775	178	226691	21.745	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.704	216	73335	24.568	ng/uL	97
76) Pentachlorobenzene	15.219	250	68358	23.529	ng/uL	98
77) Carbazole	18.039	167	200698	21.365	ng/ul	99
78) Di-n-butylphthalate	18.585	149	232246	20.916	ng/ul	98
80) Fluoranthene	19.684	202	286365	22.252	ng/ul#	90
82) Pyrene	20.048	202	280432	22.133	ng/ul#	90
83) Butylbenzylphthalate	20.917	149	99484	22.561	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.840	252	106902	23.933	ng/ul#	94
85) Benzo(a)anthracene	21.940	228	276366	21.718	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.822	149	143762	22.293	ng/ul#	98
87) Chrysene	22.010	228	262891	21.454	ng/ul	99
89) Di-n-octyl phthalate	23.126	149	239406	21.784	ng/ul	100
90) Benzo(b)fluoranthene	24.336	252	292918	22.216	ng/ul#	95
91) Benzo(k)fluoranthene	24.407	252	271660	22.284	ng/ul#	96
93) Benzo(a)pyrene	25.282	252	271749	21.778	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.476	276	316985	22.192	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.547	278	267753	22.162	ng/ul#	93
96) Benzo(g,h,i)perylene	30.734	276	261063	21.737	ng/ul#	91

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

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