Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056113.D
Acq On : 25 Dec 2022 8:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020581

Quant Time: Dec 25 22:36:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 22:54:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	47825	20.000	ng/ul	0.00
20) Naphthalene-d8	11.182	136	194884	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.954	164	169079	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.692	188	437678	20.000	ng/ul	0.00
79) Chrysene-d12	21.993	240	447358	20.000	ng/ul	# 0.00
88) Perylene-d12	25.459	264	480651	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	8685	7.602	ng/uL	0.00
4) Pyridine-d5	4.084	84	64930	17.430	ng/ul	0.00
7) Phenol-d5	7.474	99	85718	19.759	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.650	67	33708	19.714	ng/ul	0.00
11) 2-Chlorophenol-d4	7.868	132	54775	21.363	ng/ul	0.00
15) 4-Methylphenol-d8	9.037	113	66478	20.361	ng/ul	0.00
21) Nitrobenzene-d5	9.519	128	29022	20.446	ng/ul	0.00
24) 2-Nitrophenol-d4	10.242	143	37805	20.385	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.782	165	81495	19.775	ng/ul	0.00
31) 4-Chloroaniline-d4	11.305	131	85835	18.415	ng/ul	0.00
46) Dimethylphthalate-d6	14.343	166	255057	19.491	ng/ul	0.00
49) Acenaphthylene-d8	14.654	160	289301	19.576	ng/ul	0.00
54) 4-Nitrophenol-d4	15.118	143	40687	20.655	ng/ul	0.00
60) Fluorene-d10	15.941	176	249272	19.298	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.041	200	55472	19.716	ng/ul	0.00
73) Anthracene-d10	17.792	188	403434	19.947	ng/ul	0.00
81) Pyrene-d10	20.054	212	496933	20.113	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.224	264	477180	19.532	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.685	88	8404	6.576	ng/uL#	91
5) Pyridine	4.102	79	64604	18.033	ng/ul#	94
6) Benzaldehyde	7.468	77	31031	19.484	ng/ul	93
8) Phenol	7.504	94	86169	19.958	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.744	93	56069	19.729	ng/ul	98
12) 2-Chlorophenol	7.903	128	54787	21.274	ng/ul	97
13) 2-Methylphenol	8.773	108	64240	19.817	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.867	45	8778	24.047	ng/ul#	66
16) Acetophenone	9.172	105	103602	19.157	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.149	70	46667	20.409	ng/ul	97
18) 4-Methylphenol	9.102	108	67118	19.114	ng/ul	85
19) Hexachloroethane	9.448	117	22136	21.378	ng/ul	94
22) Nitrobenzene	9.560	77	68494	19.447	ng/ul#	97
23) Isophorone	10.083	82	144556	17.951	ng/ul	99
25) 2-Nitrophenol	10.277	139	35585	19.878	ng/ul#	79
26) 2,4-Dimethylphenol	10.318	107	81485	19.236	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.559	93	77611	18.597	ng/ul#	98
29) 2,4-Dichlorophenol	10.811	162	78050	19.830	ng/ul#	91
30) Naphthalene	11.229	128	198645	19.562	ng/ul	99
32) 4-Chloroaniline	11.329	127	87906	18.715	ng/ul	96
33) Hexachlorobutadiene	11.511	225	67021	18.170	ng/ul	98
34) Caprolactam	12.069	113	24602	19.550	ng/ul#	85
35) 4-Chloro-3-methylphenol	12.415	107	74658	19.744	ng/ul	99
36) 2-Methylnaphthalene	12.809	142	156165	19.182	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.027	142	158102	19.278	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.168	216	131368	18.839	ng/ul	97
40) Hexachlorocyclopentadiene	13.144	237	80737	17.857	ng/ul	96
41) 2,4,6-Trichlorophenol	13.397	196	82947	20.182	ng/ul#	88
42) 2,4,5-Trichlorophenol	13.467	196	90913	20.401	ng/ul	90
43) 1,1'-Biphenyl	13.790	154	236383	19.775	ng/ul	98
44) 2-Chloronaphthalene	13.843	162	196855	19.869	ng/ul	98
45) 2-Nitroaniline	14.031	65	34942	25.396	ng/ul#	68
47) Dimethylphthalate	14.390	163	252495	19.458	ng/ul	98
48) 2,6-Dinitrotoluene	14.513	165	52561	20.521	ng/ul	93
50) Acenaphthylene	14.683	152	291396	19.841	ng/ul	98
51) 3-Nitroaniline	14.848	138	40231	20.911	ng/ul	99
52) Acenaphthene	15.018	153	202295	19.607	ng/ul	94
53) 2,4-Dinitrophenol	15.048	184	36024	18.070	ng/ul#	94
55) 4-Nitrophenol	15.136	109	38932	20.315	ng/ul	98
56) Dibenzofuran	15.347	168	313571	19.417	ng/ul	97
57) 2,4-Dinitrotoluene	15.294	165	72684	20.464	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.565	232	86797	19.705	ng/ul#	99
59) Diethylphthalate	15.741	149	233048	20.102	ng/ul	98
61) Fluorene	15.994	166	251154	18.933	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.976	204	160202	18.589	ng/ul	97
63) 4-Nitroaniline	16.000	138	33167	18.067	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.058	198	54129	20.066	ng/ul#	94
67) N-Nitrosodiphenylamine	16.188	169	220833	19.914	ng/ul	98
68) 4-Bromophenyl-phenylether	16.869	248	106829	19.252	ng/ul	97
69) Hexachlorobenzene	16.992	284	106815	19.889	ng/ul	94
70) Atrazine	17.122	200	107259	20.285	ng/ul	96
71) Pentachlorophenol	17.333	266	65898	19.300	ng/ul	96
72) Phenanthrene	17.733	178	430067	19.355	ng/ul	98
74) Anthracene	17.827	178	447036	19.653	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.767	216	136049	20.493	ng/uL	98
76) Pentachlorobenzene	15.265	250	133054	20.302	ng/uL	89
77) Carbazole	18.085	167	374464	20.136	ng/ul	99
78) Di-n-butylphthalate	18.620	149	390411	22.978	ng/ul	99
80) Fluoranthene	19.719	202	579318	19.941	ng/ul#	98
82) Pyrene	20.083	202	572588	19.537	ng/ul#	97
83) Butylbenzylphthalate	20.947	149	169442	27.168	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.869	252	212321	21.124	ng/ul#	97
85) Benzo(a)anthracene	21.969	228	598462	19.600	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.840	149	245157	25.659	ng/ul	99
87) Chrysene	22.040	228	559762	19.753	ng/ul	98
89) Di-n-octyl phthalate	23.138	149	416412	23.411	ng/ul	100
90) Benzo(b)fluoranthene	24.349	252	620060	19.542	ng/ul	96
91) Benzo(k)fluoranthene	24.425	252	609743	19.692	ng/ul#	99
93) Benzo(a)pyrene	25.294	252	531774	19.233	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.454	276	691567	18.990	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.525	278	581537	19.092	ng/ul	97
96) Benzo(g,h,i)perylene	30.712	276	563688	19.260	ng/ul	97

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

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