Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058954.D
Acq On : 10 Sep 2023 15:25
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020551

Quant Time: Sep 10 23:04:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	60393	20.000	ng/ul	0.00
20) Naphthalene-d8	11.170	136	291613	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.947	164	204208	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.697	188	493445	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.027	240	478852	20.000	ng/ul	0.00
88) Perylene-d12	25.594	264	573352	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.637	96	11746	9.329	ng/uL	0.00
4) Pyridine-d5	4.072	84	100228	23.184	ng/ul	0.00
7) Phenol-d5	7.433	99	122801	20.501	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.644	67	76078	22.451	ng/ul	0.00
11) 2-Chlorophenol-d4	7.838	132	86471	24.201	ng/ul	0.00
15) 4-Methylphenol-d8	9.007	113	97416	20.984	ng/ul	0.00
21) Nitrobenzene-d5	9.524	128	38694	22.527	ng/ul	0.00
24) 2-Nitrophenol-d4	10.241	143	43314	23.019	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.764	165	101116	18.523	ng/ul	0.00
31) 4-Chloroaniline-d4	11.311	131	137044	19.570	ng/ul	0.00
46) Dimethylphthalate-d6	14.348	166	320522	20.333	ng/ul	0.00
49) Acenaphthylene-d8	14.654	160	359589	21.104	ng/ul	0.00
54) 4-Nitrophenol-d4	15.118	143	50005	24.010	ng/ul	0.00
60) Fluorene-d10	15.935	176	282725	19.030	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.040	200	43261	19.257	ng/ul	0.00
73) Anthracene-d10	17.797	188	440071	19.605	ng/ul	0.00
81) Pyrene-d10	20.065	212	511846	18.431	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.341	264	562558	19.918	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.672	88	15106	9.851	ng/uL	93
5) Pyridine	4.096	79	100013	21.976	ng/ul	98
6) Benzaldehyde	7.468	77	83224	23.571	ng/ul#	82
8) Phenol	7.462	94	131771	21.095	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.738	93	100598	21.714	ng/ul	97
12) 2-Chlorophenol	7.873	128	85086	23.618	ng/ul	96
13) 2-Methylphenol	8.743	108	105429	22.541	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.837	45	121961	22.874	ng/ul	96
16) Acetophenone	9.166	105	166031	20.058	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.137	70	89801	20.742	ng/ul#	96
18) 4-Methylphenol	9.072	108	116461	22.754	ng/ul	91
19) Hexachloroethane	9.419	117	33835	23.011	ng/ul#	83
22) Nitrobenzene	9.566	77	114105	19.423	ng/ul	91
23) Isophorone	10.071	82	267438	18.246	ng/ul	98
25) 2-Nitrophenol	10.276	139	43027	21.199	ng/ul	97
26) 2,4-Dimethylphenol	10.294	107	117780	18.665	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.559	93	138627	18.263	ng/ul	99
29) 2,4-Dichlorophenol	10.788	162	92723	17.919	ng/ul	97
30) Naphthalene	11.222	128	314742	19.980	ng/ul	100
32) 4-Chloroaniline	11.334	127	129668	19.523	ng/ul	94
33) Hexachlorobutadiene	11.452	225	68197	13.457	ng/ul	94
34) Caprolactam	12.110	113	22676	13.247	ng/ul#	90
35) 4-Chloro-3-methylphenol	12.398	107	114765	18.877	ng/ul	93
36) 2-Methylnaphthalene	12.803	142	223847	18.771	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.014	142	226466	18.566	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.138	216	133694	17.546	ng/ul	94
40) Hexachlorocyclopentadiene	13.097	237	78049	14.232	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.379	196	86145	19.455	ng/ul	93
42) 2,4,5-Trichlorophenol	13.443	196	88709	18.686	ng/ul	94
43) 1,1'-Biphenyl	13.790	154	313782	22.583	ng/ul#	97
44) 2-Chloronaphthalene	13.843	162	242149	21.852	ng/ul	97
45) 2-Nitroaniline	14.054	65	64066	26.147	ng/ul#	88
47) Dimethylphthalate	14.395	163	307173	19.166	ng/ul	98
48) 2,6-Dinitrotoluene	14.530	165	50241	22.086	ng/ul#	90
50) Acenaphthylene	14.683	152	402312	21.159	ng/ul	98
51) 3-Nitroaniline	14.865	138	51262	22.363	ng/ul#	83
52) Acenaphthene	15.012	153	259883	20.992	ng/ul	95
53) 2,4-Dinitrophenol	15.065	184	24600	12.784	ng/ul	92
55) 4-Nitrophenol	15.136	109	54842	21.054	ng/ul	96
56) Dibenzofuran	15.347	168	369267	19.981	ng/ul	98
57) 2,4-Dinitrotoluene	15.312	165	71693	21.847	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.553	232	86877	17.321	ng/ul#	96
59) Diethylphthalate	15.741	149	287631	19.968	ng/ul#	94
61) Fluorene	15.993	166	314221	20.027	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.976	204	161684	17.178	ng/ul	97
63) 4-Nitroaniline	16.029	138	51048	23.934	ng/ul	83
66) 4,6-Dinitro-2-methylph...	16.058	198	44829	19.007	ng/ul	92
67) N-Nitrosodiphenylamine	16.193	169	260874	21.497	ng/ul	98
68) 4-Bromophenyl-phenylether	16.875	248	108750	18.150	ng/ul	97
69) Hexachlorobenzene	16.963	284	122700	17.746	ng/ul	95
70) Atrazine	17.133	200	104481	21.445	ng/ul	99
71) Pentachlorophenol	17.315	266	72535	17.081	ng/ul	95
72) Phenanthrene	17.744	178	496447	20.724	ng/ul	99
74) Anthracene	17.838	178	508807	20.803	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.749	216	147026	20.519	ng/uL	92
76) Pentachlorobenzene	15.241	250	133308	18.460	ng/uL	95
77) Carbazole	18.108	167	442112	23.816	ng/ul	98
78) Di-n-butylphthalate	18.620	149	474161	28.413	ng/ul	98
80) Fluoranthene	19.736	202	588846	17.447	ng/ul	99
82) Pyrene	20.100	202	619694	18.330	ng/ul	99
83) Butylbenzylphthalate	20.964	149	196634	33.545	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.916	252	226346	21.640	ng/ul#	92
85) Benzo(a)anthracene	22.004	228	639854	19.626	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.851	149	288339	31.533	ng/ul	97
87) Chrysene	22.074	228	598471	19.596	ng/ul	98
89) Di-n-octyl phthalate	23.185	149	504834	28.194	ng/ul	100
90) Benzo(b)fluoranthene	24.436	252	662377	19.184	ng/ul	98
91) Benzo(k)fluoranthene	24.513	252	682018	19.631	ng/ul	97
93) Benzo(a)pyrene	25.423	252	641051	19.842	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.724	276	696751	17.299	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.818	278	658981	20.120	ng/ul	98
96) Benzo(g,h,i)perylene	31.029	276	355051	11.103	ng/ul	99

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

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