Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059434.D
Acq On : 12 Oct 2023 13:40
Operator : MA/JU
Sample : SSTD02045
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020408

Quant Time: Oct 12 14:57:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.221	152	37128	20.000	ng/ul	0.00
20) Naphthalene-d8	11.059	136	173121	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.854	164	111791	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.604	188	252593	20.000	ng/ul	0.00
79) Chrysene-d12	21.910	240	257590	20.000	ng/ul	0.00
88) Perylene-d12	25.389	264	295014	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.514	96	9696	10.049	ng/uL	0.00
4) Pyridine-d5	3.949	84	62782	24.292	ng/ul	0.00
7) Phenol-d5	7.345	99	77314	22.615	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.539	67	46769	23.652	ng/ul	0.00
11) 2-Chlorophenol-d4	7.739	132	58399	24.077	ng/ul	0.00
15) 4-Methylphenol-d8	8.908	113	61905	22.914	ng/ul	0.00
21) Nitrobenzene-d5	9.413	128	29498	23.711	ng/ul	0.00
24) 2-Nitrophenol-d4	10.136	143	28630	22.382	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.665	165	58288	24.393	ng/ul	0.00
31) 4-Chloroaniline-d4	11.205	131	92578	24.141	ng/ul	0.00
46) Dimethylphthalate-d6	14.249	166	189047	24.176	ng/ul	0.00
49) Acenaphthylene-d8	14.554	160	225165	24.197	ng/ul	0.00
54) 4-Nitrophenol-d4	15.048	143	30602	21.977	ng/ul	0.00
60) Fluorene-d10	15.841	176	173494	23.528	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.953	200	28387	21.225	ng/ul	0.00
73) Anthracene-d10	17.704	188	268312	24.864	ng/ul	0.00
81) Pyrene-d10	19.983	212	310022	23.736	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.142	264	318528	24.186	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.550	88	9747	9.314	ng/uL	100
5) Pyridine	3.967	79	64713	24.660	ng/ul	100
6) Benzaldehyde	7.363	77	41790	27.707	ng/ul	100
8) Phenol	7.375	94	78907	22.951	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.633	93	62043	23.539	ng/ul	100
12) 2-Chlorophenol	7.768	128	58739	23.253	ng/ul	100
13) 2-Methylphenol	8.644	108	58703	22.864	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.720	45	64469	11.413	ng/ul	100
16) Acetophenone	9.061	105	92730	22.860	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.026	70	44010	22.205	ng/ul	100
18) 4-Methylphenol	8.979	108	64148	22.861	ng/ul	100
19) Hexachloroethane	9.302	117	22180	23.958	ng/ul	100
22) Nitrobenzene	9.460	77	64920	23.637	ng/ul	100
23) Isophorone	9.966	82	139360	23.869	ng/ul	100
25) 2-Nitrophenol	10.165	139	30429	22.679	ng/ul	100
26) 2,4-Dimethylphenol	10.195	107	66050	23.913	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.447	93	89778	24.926	ng/ul	100
29) 2,4-Dichlorophenol	10.688	162	55786	22.955	ng/ul	100
30) Naphthalene	11.111	128	208594	24.274	ng/ul	100
32) 4-Chloroaniline	11.229	127	84377	23.501	ng/ul	100
33) Hexachlorobutadiene	11.335	225	37123	24.651	ng/ul	100
34) Caprolactam	12.010	113	14140	16.152	ng/ul	100
35) 4-Chloro-3-methylphenol	12.316	107	57468	22.618	ng/ul	100
36) 2-Methylnaphthalene	12.698	142	136799	24.016	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.915	142	136706	23.463	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.044	216	71825	24.844	ng/ul	100
40) Hexachlorocyclopentadiene	12.997	237	38272	22.561	ng/ul	100
41) 2,4,6-Trichlorophenol	13.285	196	45065	23.663	ng/ul	100
42) 2,4,5-Trichlorophenol	13.356	196	50331	24.311	ng/ul	100
43) 1,1'-Biphenyl	13.691	154	199783	24.936	ng/ul	100
44) 2-Chloronaphthalene	13.744	162	146049	24.121	ng/ul	100
45) 2-Nitroaniline	13.961	65	40397	21.762	ng/ul	100
47) Dimethylphthalate	14.296	163	191009	24.172	ng/ul	100
48) 2,6-Dinitrotoluene	14.443	165	34421	22.786	ng/ul	100
50) Acenaphthylene	14.590	152	244636	24.473	ng/ul	100
51) 3-Nitroaniline	14.784	138	38363	24.216	ng/ul	100
52) Acenaphthene	14.919	153	165174	24.303	ng/ul	100
53) 2,4-Dinitrophenol	14.983	184	14298	13.120	ng/ul	100
55) 4-Nitrophenol	15.060	109	21101	22.248	ng/ul	100
56) Dibenzofuran	15.254	168	223041	23.853	ng/ul	100
57) 2,4-Dinitrotoluene	15.218	165	48936	22.134	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.459	232	42859	22.516	ng/ul	100
59) Diethylphthalate	15.641	149	181577	23.362	ng/ul	100
61) Fluorene	15.900	166	188715	23.815	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.882	204	92826	23.927	ng/ul	100
63) 4-Nitroaniline	15.941	138	35497	23.970	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.970	198	30923	21.718	ng/ul	100
67) N-Nitrosodiphenylamine	16.100	169	150757	24.540	ng/ul	100
68) 4-Bromophenyl-phenylether	16.781	248	58382	25.088	ng/ul	100
69) Hexachlorobenzene	16.869	284	66559	24.975	ng/ul	100
70) Atrazine	17.034	200	59616	24.469	ng/ul	100
71) Pentachlorophenol	17.228	266	33217	22.565	ng/ul	100
72) Phenanthrene	17.651	178	318378	24.450	ng/ul	100
74) Anthracene	17.739	178	334291	25.314	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.650	216	75347	26.124	ng/uL	100
76) Pentachlorobenzene	15.148	250	73057	24.758	ng/uL	100
77) Carbazole	18.015	167	279426	25.320	ng/ul	100
78) Di-n-butylphthalate	18.520	149	324018	24.943	ng/ul	100
80) Fluoranthene	19.643	202	384072	23.696	ng/ul	100
82) Pyrene	20.007	202	411219	24.079	ng/ul	100
83) Butylbenzylphthalate	20.865	149	135795	22.483	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.805	252	142265	25.465	ng/ul	100
85) Benzo(a)anthracene	21.887	228	412960	24.426	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.717	149	194809	21.754	ng/ul	100
87) Chrysene	21.958	228	380092	24.108	ng/ul	100
89) Di-n-octyl phthalate	23.003	149	334977	22.281	ng/ul	100
90) Benzo(b)fluoranthene	24.261	252	404679	24.502	ng/ul	100
91) Benzo(k)fluoranthene	24.331	252	411667	24.350	ng/ul	100
93) Benzo(a)pyrene	25.218	252	380573	24.284	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.396	276	202331	11.226	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.478	278	350733	24.211	ng/ul	100
96) Benzo(g,h,i)perylene	30.683	276	348266	24.154	ng/ul	100

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

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