Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032125\
Data File : BG064128.D
Acq On : 21 Mar 2025 13:37
Operator : RC/JU
Sample : SSTDCCC020EC
Misc : MDL-WATER 4 ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020595

Quant Time: Mar 21 14:23:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 14:37:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	35918	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	163304	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	116806	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	257428	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	253005	20.000	ng/ul	0.00
88) Perylene-d12	24.471	264	265453	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	7348	8.190	ng/uL	0.00
4) Pyridine-d5	3.742	84	49954	19.381	ng/ul	0.00
7) Phenol-d5	7.021	99	69282	21.318	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.191	67	44275	21.620	ng/ul	0.00
11) 2-Chlorophenol-d4	7.391	132	53268	20.539	ng/ul	0.00
15) 4-Methylphenol-d8	8.560	113	58301	21.148	ng/ul	0.00
21) Nitrobenzene-d5	9.013	128	27459	22.419	ng/ul	0.00
24) 2-Nitrophenol-d4	9.730	143	28545	22.191	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.264	165	58130	22.411	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	83193	22.875	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	198296	21.631	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	226245	22.193	ng/ul	0.00
54) 4-Nitrophenol-d4	14.671	143	31640	20.542	ng/ul	0.00
60) Fluorene-d10	15.476	176	172876	21.878	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	26866	19.352	ng/ul	0.00
73) Anthracene-d10	17.326	188	278188	21.550	ng/ul	0.00
81) Pyrene-d10	19.612	212	306444	21.954	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.265	264	302401	21.858	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	8820	8.680	ng/uL	87
5) Pyridine	3.760	79	53602	20.059	ng/ul#	89
6) Benzaldehyde	7.003	77	47264	24.738	ng/ul	96
8) Phenol	7.050	94	72220	21.307	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.285	93	54817	21.394	ng/ul	92
12) 2-Chlorophenol	7.426	128	57753	21.975	ng/ul	99
13) 2-Methylphenol	8.296	108	56337	21.426	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.378	45	127673	21.263	ng/ul	99
16) Acetophenone	8.678	105	98669	21.987	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.666	70	49884	20.867	ng/ul	93
18) 4-Methylphenol	8.625	108	62648	21.493	ng/ul	100
19) Hexachloroethane	8.942	117	24287	21.184	ng/ul	99
22) Nitrobenzene	9.054	77	72468	21.938	ng/ul#	92
23) Isophorone	9.577	82	137420	21.532	ng/ul	97
25) 2-Nitrophenol	9.765	139	31129	22.721	ng/ul#	83
26) 2,4-Dimethylphenol	9.824	107	69171	22.343	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.064	93	77524	21.548	ng/ul	95
29) 2,4-Dichlorophenol	10.294	162	55126	21.854	ng/ul	96
30) Naphthalene	10.699	128	195464	22.007	ng/ul	98
32) 4-Chloroaniline	10.805	127	79402	22.602	ng/ul	96
33) Hexachlorobutadiene	10.993	225	41656	21.571	ng/ul	97
34) Caprolactam	11.545	113	19845	20.425	ng/ul	97
35) 4-Chloro-3-methylphenol	11.927	107	69043	21.779	ng/ul#	92
36) 2-Methylnaphthalene	12.309	142	143517	22.363	ng/ul	98

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Misc : MDL-WATER 4 ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 14:37:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.526	142	143556	22.019	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.679	216	77638	22.024	ng/ul	98
40) Hexachlorocyclopentadiene	12.661	237	44430	22.625	ng/ul	91
41) 2,4,6-Trichlorophenol	12.914	196	47004	21.095	ng/ul	93
42) 2,4,5-Trichlorophenol	12.985	196	50133	20.772	ng/ul	99
43) 1,1'-Biphenyl	13.319	154	198468	22.182	ng/ul	96
44) 2-Chloronaphthalene	13.361	162	146661	21.777	ng/ul	95
45) 2-Nitroaniline	13.560	65	52093	22.755	ng/ul	94
47) Dimethylphthalate	13.942	163	188364	21.741	ng/ul	98
48) 2,6-Dinitrotoluene	14.054	165	36775	22.624	ng/ul	96
50) Acenaphthylene	14.207	152	232904	22.243	ng/ul	98
51) 3-Nitroaniline	14.383	138	37302	22.728	ng/ul	88
52) Acenaphthene	14.547	153	171239	22.211	ng/ul	98
53) 2,4-Dinitrophenol	14.583	184	14722	17.876	ng/ul	85
55) 4-Nitrophenol	14.688	109	35587	20.370	ng/ul	95
56) Dibenzofuran	14.882	168	241779	22.437	ng/ul	98
57) 2,4-Dinitrotoluene	14.841	165	55907	22.398	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.106	232	46339	21.211	ng/ul#	94
59) Diethylphthalate	15.311	149	204243	21.905	ng/ul	98
61) Fluorene	15.534	166	196973	22.376	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.529	204	97305	22.284	ng/ul	97
63) 4-Nitroaniline	15.540	138	38493	22.440	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.605	198	30912	20.805	ng/ul#	89
67) N-Nitrosodiphenylamine	15.740	169	166480	22.093	ng/ul	97
68) 4-Bromophenyl-phenylether	16.422	248	62705	22.243	ng/ul	94
69) Hexachlorobenzene	16.533	284	69946	22.190	ng/ul	97
70) Atrazine	16.692	200	70129	23.406	ng/ul	96
71) Pentachlorophenol	16.874	266	35426	18.781	ng/ul	93
72) Phenanthrene	17.268	178	311413	21.643	ng/ul	99
74) Anthracene	17.356	178	322828	21.919	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.284	216	78435	21.925	ng/ul	95
76) Pentachlorobenzene	14.806	250	83407	22.321	ng/ul	96
77) Carbazole	17.626	167	273596	21.420	ng/ul	99
78) Di-n-butylphthalate	18.196	149	337543	20.666	ng/ul	98
80) Fluoranthene	19.277	202	356835	21.577	ng/ul	100
82) Pyrene	19.641	202	383900	21.891	ng/ul	98
83) Butylbenzylphthalate	20.540	149	147624	21.139	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.363	252	119598	23.962	ng/ul	96
85) Benzo(a)anthracene	21.439	228	375956	21.446	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	220026	21.001	ng/ul	100
87) Chrysene	21.498	228	364354	21.861	ng/ul	99
89) Di-n-octyl phthalate	22.520	149	374985	21.563	ng/ul	100
90) Benzo(b)fluoranthene	23.519	252	347170	21.171	ng/ul	99
91) Benzo(k)fluoranthene	23.584	252	372434	22.265	ng/ul	99
93) Benzo(a)pyrene	24.330	252	337297	21.786	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.867	276	418408	21.591	ng/ul	99
95) Dibenzo(a,h)anthracene	27.920	278	347094	22.485	ng/ul	96
96) Benzo(g,h,i)perylene	28.919	276	321996	21.430	ng/ul	98

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

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Misc : MDL-WATER 4 ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Time: Mar 21 14:23:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
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