Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123124\
Data File : BG063915.D
Acq On : 31 Dec 2024 10:06
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020590

Quant Time: Jan 01 01:16:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	71358	20.000	ng/ul	0.00
20) Naphthalene-d8	10.584	136	283124	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.438	164	189907	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	447856	20.000	ng/ul	0.00
79) Chrysene-d12	21.448	240	527679	20.000	ng/ul	0.01
88) Perylene-d12	24.468	264	548626	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	18197	9.993	ng/uL	0.00
4) Pyridine-d5	3.663	84	129258	22.502	ng/ul	0.00
7) Phenol-d5	6.982	99	132010	20.087	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.123	67	90001	19.828	ng/ul	0.00
11) 2-Chlorophenol-d4	7.329	132	89174	20.959	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	96493	18.911	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	45971	22.741	ng/ul	0.00
24) 2-Nitrophenol-d4	9.673	143	48483	21.396	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	95005	21.655	ng/ul	0.00
31) 4-Chloroaniline-d4	10.725	131	120557	21.642	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	287266	22.230	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	340899	23.142	ng/ul	0.00
54) 4-Nitrophenol-d4	14.668	143	38863	21.226	ng/ul	0.00
60) Fluorene-d10	15.437	176	256274	22.430	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.572	200	40993	17.629	ng/ul	0.00
73) Anthracene-d10	17.294	188	448085	23.271	ng/ul	0.00
81) Pyrene-d10	19.597	212	566418	20.628	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.262	264	595350	23.108	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	21358m	9.911	ng/uL	
5) Pyridine	3.680	79	131423	21.360	ng/ul	98
6) Benzaldehyde	6.935	77	89569	22.219	ng/ul	92
8) Phenol	7.006	94	138761	19.811	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.217	93	108855	20.313	ng/ul	94
12) 2-Chlorophenol	7.364	128	93772	21.773	ng/ul	98
13) 2-Methylphenol	8.252	108	96433	19.049	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.310	45	160811	20.213	ng/ul	96
16) Acetophenone	8.616	105	171163	19.777	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.598	70	95745	18.541	ng/ul#	88
18) 4-Methylphenol	8.575	108	108882	19.652	ng/ul	99
19) Hexachloroethane	8.868	117	40772	19.267	ng/ul	93
22) Nitrobenzene	8.992	77	148481	21.995	ng/ul	96
23) Isophorone	9.509	82	257235	20.168	ng/ul#	96
25) 2-Nitrophenol	9.703	139	51601	22.158	ng/ul	92
26) 2,4-Dimethylphenol	9.767	107	109274	20.678	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.997	93	149667	21.695	ng/ul#	96
29) 2,4-Dichlorophenol	10.243	162	96715	22.186	ng/ul	93
30) Naphthalene	10.631	128	308870	21.820	ng/ul	98
32) 4-Chloroaniline	10.749	127	112433	21.213	ng/ul#	87
33) Hexachlorobutadiene	10.919	225	73263	20.687	ng/ul	97
34) Caprolactam	11.507	113	33656m	22.334	ng/ul	
35) 4-Chloro-3-methylphenol	11.888	107	97058	18.964	ng/ul	95
36) 2-Methylnaphthalene	12.247	142	213920	21.027	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.470	142	224581	21.672	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.623	216	135758	22.331	ng/ul	98
40) Hexachlorocyclopentadiene	12.599	237	46822	19.482	ng/ul	98
41) 2,4,6-Trichlorophenol	12.870	196	75295	21.913	ng/ul	90
42) 2,4,5-Trichlorophenol	12.952	196	77027	21.480	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	289493	23.115	ng/ul	96
44) 2-Chloronaphthalene	13.310	162	232964	23.164	ng/ul	95
45) 2-Nitroaniline	13.522	65	73318	21.764	ng/ul	97
47) Dimethylphthalate	13.892	163	291037	22.472	ng/ul	97
48) 2,6-Dinitrotoluene	14.021	165	55920	23.249	ng/ul	92
50) Acenaphthylene	14.156	152	363835	23.035	ng/ul	99
51) 3-Nitroaniline	14.350	138	47028	21.148	ng/ul	98
52) Acenaphthene	14.503	153	259552	23.184	ng/ul	93
53) 2,4-Dinitrophenol	14.579	184	23463m	19.088	ng/ul	
55) 4-Nitrophenol	14.691	109	33741	17.747	ng/ul	86
56) Dibenzofuran	14.838	168	368113	23.323	ng/ul	97
57) 2,4-Dinitrotoluene	14.820	165	86719	24.264	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.079	232	69701	22.549	ng/ul#	95
59) Diethylphthalate	15.261	149	277639	22.176	ng/ul	99
61) Fluorene	15.490	166	287784	22.834	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.484	204	151326	21.552	ng/ul	97
63) 4-Nitroaniline	15.520	138	42195	18.953	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.590	198	45066	18.813	ng/ul#	90
67) N-Nitrosodiphenylamine	15.702	169	241872	22.303	ng/ul	96
68) 4-Bromophenyl-phenylether	16.377	248	99640	21.831	ng/ul	94
69) Hexachlorobenzene	16.507	284	112234	21.948	ng/ul	93
70) Atrazine	16.653	200	101674	22.178	ng/ul	96
71) Pentachlorophenol	16.859	266	32474m	15.061	ng/ul	
72) Phenanthrene	17.235	178	504108	23.358	ng/ul	98
74) Anthracene	17.329	178	522859	23.936	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.234	216	133694	22.374	ng/ul	96
76) Pentachlorobenzene	14.767	250	132397	22.366	ng/ul	98
77) Carbazole	17.605	167	449206	25.405	ng/ul	96
78) Di-n-butylphthalate	18.163	149	517877	24.252	ng/ul	98
80) Fluoranthene	19.262	202	645864	20.694	ng/ul	96
82) Pyrene	19.626	202	701991	21.141	ng/ul	95
83) Butylbenzylphthalate	20.520	149	227550	22.324	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.354	252	199956	20.991	ng/ul	91
85) Benzo(a)anthracene	21.430	228	735254	22.233	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	348872	23.529	ng/ul	98
87) Chrysene	21.495	228	706491	22.415	ng/ul	98
89) Di-n-octyl phthalate	22.476	149	593210	25.051	ng/ul	100
90) Benzo(b)fluoranthene	23.516	252	710126	22.774	ng/ul	97
91) Benzo(k)fluoranthene	23.581	252	750829	24.140	ng/ul	99
93) Benzo(a)pyrene	24.327	252	682804	23.329	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.881	276	817024	22.858	ng/ul	96
95) Dibenzo(a,h)anthracene	27.929	278	650911	22.759	ng/ul	97
96) Benzo(g,h,i)perylene	28.939	276	629105	22.181	ng/ul	97

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

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