Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049502.D
Acq On : 29 Jan 2025 13:40
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020082

Quant Time: Jan 29 15:33:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	152985	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	573678	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	384628	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	839387	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	945437	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	975181	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	35187	8.522	ng/uL	0.00
4) Pyridine-d5	3.505	84	266364	21.956	ng/ul	0.00
7) Phenol-d5	6.705	99	267302	21.532	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.858	67	189195	22.287	ng/ul	0.00
11) 2-Chlorophenol-d4	7.052	132	209900	21.850	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	196446	21.598	ng/ul	0.00
21) Nitrobenzene-d5	8.652	128	93124	21.218	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	97987	20.469	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	215676	22.078	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	262211	20.925	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	609571	21.615	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	716542	21.625	ng/ul	0.00
54) 4-Nitrophenol-d4	14.381	143	94294	20.382	ng/ul	0.00
60) Fluorene-d10	15.151	176	562388	22.677	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.280	200	97679	18.467	ng/ul	0.00
73) Anthracene-d10	16.998	188	912758	21.776	ng/ul	0.00
81) Pyrene-d10	19.310	212	1100366	19.909	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1115590	21.449	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	38793	8.941	ng/uL	90
5) Pyridine	3.522	79	276721	22.242	ng/ul	98
6) Benzaldehyde	6.669	77	188977	27.717	ng/ul	98
8) Phenol	6.734	94	284209	21.811	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.952	93	228598	21.513	ng/ul	99
12) 2-Chlorophenol	7.081	128	220237	22.200	ng/ul	99
13) 2-Methylphenol	7.957	108	194224	21.270	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.028	45	373965	22.847	ng/ul	99
16) Acetophenone	8.322	105	335354	22.172	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.316	70	180995	22.817	ng/ul	97
18) 4-Methylphenol	8.287	108	210424	21.351	ng/ul	95
19) Hexachloroethane	8.569	117	95833	21.986	ng/ul	100
22) Nitrobenzene	8.693	77	258346	22.039	ng/ul	96
23) Isophorone	9.222	82	456283	21.768	ng/ul	99
25) 2-Nitrophenol	9.399	139	113251	21.306	ng/ul	97
26) 2,4-Dimethylphenol	9.469	107	206039	21.064	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.704	93	282794	21.540	ng/ul	97
29) 2,4-Dichlorophenol	9.928	162	215852	21.980	ng/ul	99
30) Naphthalene	10.316	128	662417	21.688	ng/ul	99
32) 4-Chloroaniline	10.440	127	254565	21.231	ng/ul	99
33) Hexachlorobutadiene	10.610	225	162243	22.039	ng/ul	99
34) Caprolactam	11.210	113	58816	21.712	ng/ul	84
35) 4-Chloro-3-methylphenol	11.581	107	192350	22.670	ng/ul	99
36) 2-Methylnaphthalene	11.940	142	454256	21.807	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	452344	22.027	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.316	216	297774	21.003	ng/ul	99
40) Hexachlorocyclopentadiene	12.298	237	157995	18.996	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	175534	20.994	ng/ul	96
42) 2,4,5-Trichlorophenol	12.645	196	188803	21.485	ng/ul	98
43) 1,1'-Biphenyl	12.975	154	605073	20.734	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	498181	21.056	ng/ul	99
45) 2-Nitroaniline	13.228	65	127146	21.393	ng/ul	98
47) Dimethylphthalate	13.622	163	602621	21.511	ng/ul	99
48) 2,6-Dinitrotoluene	13.734	165	109204	21.674	ng/ul	92
50) Acenaphthylene	13.869	152	743980	21.855	ng/ul	99
51) 3-Nitroaniline	14.069	138	107658	21.511	ng/ul	97
52) Acenaphthene	14.216	153	518137	21.319	ng/ul	99
53) 2,4-Dinitrophenol	14.275	184	51692	16.592	ng/ul	94
55) 4-Nitrophenol	14.392	109	71979	21.265	ng/ul	100
56) Dibenzofuran	14.551	168	770385	22.231	ng/ul	99
57) 2,4-Dinitrotoluene	14.528	165	171223	22.726	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.786	232	160854	22.477	ng/ul	96
59) Diethylphthalate	14.998	149	588565	22.131	ng/ul	99
61) Fluorene	15.204	166	645587	23.054	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	344870	22.705	ng/ul	95
63) 4-Nitroaniline	15.239	138	112929	24.435	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.292	198	109318	18.856	ng/ul	95
67) N-Nitrosodiphenylamine	15.428	169	514549	20.564	ng/ul	99
68) 4-Bromophenyl-phenylether	16.104	248	197150	20.570	ng/ul	97
69) Hexachlorobenzene	16.210	284	231530	20.919	ng/ul	95
70) Atrazine	16.386	200	203856	20.698	ng/ul	99
71) Pentachlorophenol	16.563	266	133398	19.141	ng/ul	99
72) Phenanthrene	16.945	178	1024551	21.684	ng/ul	99
74) Anthracene	17.033	178	1025375	21.545	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.934	216	290113	19.123	ng/uL	99
76) Pentachlorobenzene	14.475	250	289616	19.965	ng/uL	98
77) Carbazole	17.316	167	917651	21.573	ng/ul	100
78) Di-n-butylphthalate	17.892	149	1027823	21.155	ng/ul	99
80) Fluoranthene	18.974	202	1243244	19.695	ng/ul	100
82) Pyrene	19.339	202	1362999	20.067	ng/ul	100
83) Butylbenzylphthalate	20.268	149	448908	19.625	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.057	252	362415	20.189	ng/ul	99
85) Benzo(a)anthracene	21.115	228	1408193	21.203	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	695428	20.691	ng/ul	99
87) Chrysene	21.174	228	1322129	21.436	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1098554	18.416	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1313049	20.773	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	1381828	21.634	ng/ul	99
93) Benzo(a)pyrene	23.786	252	1273216	21.472	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.991	276	1575855	21.441	ng/ul	99
95) Dibenzo(a,h)anthracene	27.044	278	1286579	21.603	ng/ul	99
96) Benzo(g,h,i)perylene	27.950	276	1213258	21.711	ng/ul	99

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

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