Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046030.D
Acq On : 13 Jun 2024 19:16
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020121

Quant Time: Jun 14 00:24:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	175505	20.000	ng/ul	0.00
20) Naphthalene-d8	10.192	136	726034	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.074	164	438708	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	877285	20.000	ng/ul	0.00
79) Chrysene-d12	21.044	240	809016	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264	966626	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	26824	5.926	ng/uL	0.00
4) Pyridine-d5	3.446	84	197147	16.914	ng/ul	0.00
7) Phenol-d5	6.692	99	262134	17.582	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	183287	17.120	ng/ul	0.00
11) 2-Chlorophenol-d4	6.992	132	199500	17.913	ng/ul	0.00
15) 4-Methylphenol-d8	8.198	113	203911	18.103	ng/ul	-0.01
21) Nitrobenzene-d5	8.592	128	102679	18.088	ng/ul	0.00
24) 2-Nitrophenol-d4	9.304	143	113781	19.805	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.857	165	207099	19.223	ng/ul	0.00
31) 4-Chloroaniline-d4	10.380	131	268015	17.975	ng/ul	0.00
46) Dimethylphthalate-d6	13.527	166	541295	17.822	ng/ul	0.00
49) Acenaphthylene-d8	13.768	160	638670	18.109	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	134241	20.480	ng/ul	0.00
60) Fluorene-d10	15.074	176	457969	17.675	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	72668	16.221	ng/ul	0.00
73) Anthracene-d10	16.927	188	696896	18.273	ng/ul	0.00
81) Pyrene-d10	19.227	212	790531	15.713	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	827018	18.306	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.069	88	30090	6.006	ng/uL#	80
5) Pyridine	3.463	79	204818	17.111	ng/ul	90
6) Benzaldehyde	6.604	77	145380	20.731	ng/ul	93
8) Phenol	6.716	94	273669	17.699	ng/ul	90
10) Bis(2-Chloroethyl)ether	6.887	93	215810	16.721	ng/ul	96
12) 2-Chlorophenol	7.028	128	211780	18.050	ng/ul	97
13) 2-Methylphenol	7.934	108	204265	18.040	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.969	45	484772	19.070	ng/ul	99
16) Acetophenone	8.269	105	334854	17.837	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.257	70	190110	18.326	ng/ul	89
18) 4-Methylphenol	8.263	108	217420	18.558	ng/ul	100
19) Hexachloroethane	8.492	117	96170	17.066	ng/ul	96
22) Nitrobenzene	8.633	77	295575	18.605	ng/ul	99
23) Isophorone	9.163	82	524074	18.669	ng/ul	99
25) 2-Nitrophenol	9.339	139	117368	18.689	ng/ul	99
26) 2,4-Dimethylphenol	9.439	107	229598	18.021	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.645	93	284849	16.714	ng/ul	99
29) 2,4-Dichlorophenol	9.880	162	196073	18.267	ng/ul	95
30) Naphthalene	10.245	128	674455	17.421	ng/ul	99
32) 4-Chloroaniline	10.404	127	256493	17.598	ng/ul	94
33) Hexachlorobutadiene	10.533	225	130695	17.774	ng/ul	92
34) Caprolactam	11.227	113	61743	20.423	ng/ul	86
35) 4-Chloro-3-methylphenol	11.563	107	217897	18.711	ng/ul	98
36) 2-Methylnaphthalene	11.869	142	438283	17.093	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.092	142	439823	17.157	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.245	216	235501	17.924	ng/ul	98
40) Hexachlorocyclopentadiene	12.227	237	113601	14.246	ng/ul	97
41) 2,4,6-Trichlorophenol	12.516	196	151653	19.839	ng/ul	98
42) 2,4,5-Trichlorophenol	12.604	196	162367	19.573	ng/ul	99
43) 1,1'-Biphenyl	12.904	154	562615	17.285	ng/ul	99
44) 2-Chloronaphthalene	12.939	162	448840	17.597	ng/ul	99
45) 2-Nitroaniline	13.186	65	183293	21.044	ng/ul	95
47) Dimethylphthalate	13.574	163	547547	17.755	ng/ul	99
48) 2,6-Dinitrotoluene	13.680	165	112803	19.013	ng/ul	90
50) Acenaphthylene	13.798	152	747287	18.307	ng/ul	99
51) 3-Nitroaniline	14.033	138	121672	22.334	ng/ul	98
52) Acenaphthene	14.139	153	485915	17.839	ng/ul	100
53) 2,4-Dinitrophenol	14.227	184	56118	20.774	ng/ul	91
55) 4-Nitrophenol	14.398	109	116587	21.559	ng/ul	95
56) Dibenzofuran	14.480	168	659758	17.961	ng/ul	99
57) 2,4-Dinitrotoluene	14.480	165	166279	20.258	ng/ul#	66
58) 2,3,4,6-Tetrachlorophenol	14.733	232	137390	21.920	ng/ul	97
59) Diethylphthalate	14.939	149	572908	18.553	ng/ul	99
61) Fluorene	15.133	166	545522	18.432	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.139	204	261307	17.787	ng/ul	99
63) 4-Nitroaniline	15.210	138	119788	26.480	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.245	198	77877	15.839	ng/ul	92
67) N-Nitrosodiphenylamine	15.362	169	441176	17.746	ng/ul	98
68) 4-Bromophenyl-phenylether	16.027	248	158379	17.316	ng/ul	97
69) Hexachlorobenzene	16.133	284	177573	17.555	ng/ul	98
70) Atrazine	16.333	200	133236	17.680	ng/ul	97
71) Pentachlorophenol	16.504	266	136243	26.545	ng/ul	98
72) Phenanthrene	16.868	178	823335	17.811	ng/ul	99
74) Anthracene	16.956	178	847848	18.363	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.863	216	232781	17.109	ng/uL	100
76) Pentachlorobenzene	14.398	250	219531	17.251	ng/uL	100
77) Carbazole	17.251	167	766691	19.461	ng/ul	100
78) Di-n-butylphthalate	17.815	149	996226	19.229	ng/ul	99
80) Fluoranthene	18.892	202	969410	15.894	ng/ul	99
82) Pyrene	19.256	202	995518	15.886	ng/ul	98
83) Butylbenzylphthalate	20.186	149	461888	18.085	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.974	252	252789	15.819	ng/ul	100
85) Benzo(a)anthracene	21.027	228	985663	17.645	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.974	149	676911	17.839	ng/ul	100
87) Chrysene	21.086	228	913966	17.686	ng/ul	100
89) Di-n-octyl phthalate	21.997	149	1203177	16.276	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	1027803	17.302	ng/ul	100
91) Benzo(k)fluoranthene	22.956	252	999843	17.232	ng/ul	99
93) Benzo(a)pyrene	23.627	252	964956	18.486	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.738	276	1201509	21.077	ng/ul	99
95) Dibenzo(a,h)anthracene	26.779	278	976998	21.669	ng/ul	99
96) Benzo(g,h,i)perylene	27.673	276	975332	19.426	ng/ul	98

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

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