Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101223\
Data File : BM042278.D
Acq On : 12 Oct 2023 14:13
Operator : MA/JU
Sample : SSTD16062
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160025

Quant Time: Oct 12 15:21:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:19:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	140400	20.000	ng/ul	0.01
20) Naphthalene-d8	10.845	136	604666	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.663	164	348568	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.415	188	764284	20.000	ng/ul	0.00
79) Chrysene-d12	21.603	240	684743	20.000	ng/ul	0.00
88) Perylene-d12	24.086	264	725260	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	251201	59.990	ng/uL	0.00
4) Pyridine-d5	3.805	84	1967761	176.780	ng/ul	0.00
7) Phenol-d5	7.181	99	2404702	181.193	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	1499558	169.548	ng/ul	0.02
11) 2-Chlorophenol-d4	7.545	132	1737128	172.411	ng/ul	0.02
15) 4-Methylphenol-d8	8.745	113	1875682	182.568	ng/ul	0.03
21) Nitrobenzene-d5	9.228	128	886737	179.362	ng/ul	0.02
24) 2-Nitrophenol-d4	9.939	143	1023248	187.157	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.469	165	1766003	186.836	ng/ul	0.02
31) 4-Chloroaniline-d4	11.016	131	2447824	174.440	ng/ul	0.02
46) Dimethylphthalate-d6	14.092	166	4840957	170.760	ng/ul	0.02
49) Acenaphthylene-d8	14.374	160	5250831	161.854	ng/ul	0.02
54) 4-Nitrophenol-d4	14.910	143	960029	225.821	ng/ul	0.04
60) Fluorene-d10	15.663	176	3845608	164.706	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.810	200	911450	176.751	ng/ul	0.04
73) Anthracene-d10	17.521	188	5916842	157.428	ng/ul	0.01
81) Pyrene-d10	19.815	212	7264141	177.331	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.939	264	7044288	181.267	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	277006	63.128	ng/uL	97
5) Pyridine	3.828	79	2032683	170.187	ng/ul	99
6) Benzaldehyde	7.181	77	648950	105.829	ng/ul	98
8) Phenol	7.210	94	2389918	172.757	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.463	93	1852490	164.346	ng/ul	97
12) 2-Chlorophenol	7.581	128	1720170	166.860	ng/ul	99
13) 2-Methylphenol	8.469	108	1818996	175.746	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1876055	108.269	ng/ul	99
16) Acetophenone	8.887	105	2577146	150.631	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.875	70	1450662	154.704	ng/ul	98
18) 4-Methylphenol	8.822	108	1947909	174.074	ng/ul	97
19) Hexachloroethane	9.087	117	695830	146.277	ng/ul#	83
22) Nitrobenzene	9.275	77	2222632	172.060	ng/ul	96
23) Isophorone	9.798	82	4434760	170.471	ng/ul	98
25) 2-Nitrophenol	9.975	139	1005436	176.655	ng/ul	97
26) 2,4-Dimethylphenol	10.016	107	1944844	160.593	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.269	93	2483288	166.527	ng/ul	99
29) 2,4-Dichlorophenol	10.498	162	1640463	178.623	ng/ul	95
30) Naphthalene	10.904	128	5214910	151.758	ng/ul	99
32) 4-Chloroaniline	11.045	127	2261158	162.138	ng/ul	98
33) Hexachlorobutadiene	11.128	225	998675	161.326	ng/ul	97
34) Caprolactam	11.910	113	302444	91.049	ng/ul	95
35) 4-Chloro-3-methylphenol	12.145	107	1893694	177.076	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.498	142	3615923	164.107	ng/ul	98
37) 1-Methylnaphthalene	12.722	142	3587116	160.093	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.851	216	1991018	183.198	ng/ul#	96
40) Hexachlorocyclopentadiene	12.798	237	1412688	350.474	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	1396706	198.456	ng/ul	98
42) 2,4,5-Trichlorophenol	13.175	196	1481497	200.992	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	4412092	155.965	ng/ul	97
44) 2-Chloronaphthalene	13.557	162	3500441	159.552	ng/ul	97
45) 2-Nitroaniline	13.798	65	1385824	201.385	ng/ul	91
47) Dimethylphthalate	14.139	163	4585021	161.932	ng/ul#	99
48) 2,6-Dinitrotoluene	14.286	165	1027939	185.907	ng/ul#	86
50) Acenaphthylene	14.404	152	5520518	154.274	ng/ul	98
51) 3-Nitroaniline	14.627	138	951147	181.920	ng/ul	92
52) Acenaphthene	14.733	153	3687159	151.520	ng/ul	98
53) 2,4-Dinitrophenol	14.821	184	730960	249.518	ng/ul	91
55) 4-Nitrophenol	14.927	109	756933	219.106	ng/ul	94
56) Dibenzofuran	15.074	168	4583211	138.452	ng/ul	94
57) 2,4-Dinitrotoluene	15.069	165	1269072	160.138	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.286	232	1240116	193.771	ng/ul#	89
59) Diethylphthalate	15.486	149	4442062	152.170	ng/ul	96
61) Fluorene	15.721	166	3688658	134.238	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.704	204	2059185	154.825	ng/ul	90
63) 4-Nitroaniline	15.810	138	661925	154.995	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.821	198	923038	181.526	ng/ul#	85
67) N-Nitrosodiphenylamine	15.933	169	3394603	145.432	ng/ul	97
68) 4-Bromophenyl-phenylether	16.604	248	1455747	177.814	ng/ul#	87
69) Hexachlorobenzene	16.686	284	1624649	171.470	ng/ul#	90
70) Atrazine	16.886	200	1355944	161.203	ng/ul	95
71) Pentachlorophenol	17.051	266	1164007	226.005	ng/ul	98
72) Phenanthrene	17.468	178	6695743	151.471	ng/ul	99
74) Anthracene	17.562	178	6377388	142.312	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	2026653	172.919	ng/uL	99
76) Pentachlorobenzene	14.963	250	1838253	160.745	ng/uL	99
77) Carbazole	17.845	167	6073242	149.762	ng/ul	99
78) Di-n-butylphthalate	18.357	149	7628444	142.416	ng/ul	98
80) Fluoranthene	19.474	202	8285239	172.274	ng/ul#	92
82) Pyrene	19.845	202	7896727	154.785	ng/ul#	92
83) Butylbenzylphthalate	20.715	149	3610112	155.346	ng/ul#	87
84) 3,3'-Dichlorobenzidine	21.527	252	2627000	157.257	ng/ul#	97
85) Benzo(a)anthracene	21.592	228	8251765	168.342	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.462	149	5004162	142.862	ng/ul#	93
87) Chrysene	21.650	228	7404581	157.987	ng/ul	98
89) Di-n-octyl phthalate	22.415	149	8957317	148.560	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	8830883	184.469	ng/ul#	96
91) Benzo(k)fluoranthene	23.380	252	8096471	169.153	ng/ul#	95
93) Benzo(a)pyrene	23.997	252	7669190	177.541	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.732	276	8541775	154.341	ng/ul	94
95) Dibenzo(a,h)anthracene	26.750	278	7081880	154.624	ng/ul#	94
96) Benzo(g,h,i)perylene	27.544	276	6587256	148.372	ng/ul#	92

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

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