Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043354.D
Acq On : 15 Dec 2023 12:51
Operator : MA/JU
Sample : SSTD01076
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010042

Quant Time: Dec 15 14:04:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 14:02:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	376151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1699609	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	987786	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	1845044	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1266439	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	1282299	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	42057	4.044	ng/uL	0.00
4) Pyridine-d5	3.810	84	303082	9.937	ng/ul	0.00
7) Phenol-d5	7.151	99	373929	9.405	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	248329	10.021	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	284965	9.407	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	286630	9.139	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	143119	9.338	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	142703	9.501	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	258060	8.112	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	425746	9.291	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	792133	8.869	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	940077	9.032	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	148497	9.098	ng/ul	0.00
60) Fluorene-d10	15.616	176	656663	8.555	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	91265	8.298	ng/ul	0.00
73) Anthracene-d10	17.462	188	913963	8.861	ng/ul	0.00
81) Pyrene-d10	19.745	212	857274	9.897	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	678987	8.762	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	48271	4.261	ng/uL	97
5) Pyridine	3.828	79	319343	10.146	ng/ul	97
6) Benzaldehyde	7.134	77	226303	11.637	ng/ul	100
8) Phenol	7.181	94	371078	9.424	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	311177	9.788	ng/ul	100
12) 2-Chlorophenol	7.551	128	291997	9.511	ng/ul	98
13) 2-Methylphenol	8.434	108	277606	9.169	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	525528	9.946	ng/ul	99
16) Acetophenone	8.822	105	469400	9.426	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.810	70	268463	9.687	ng/ul	99
18) 4-Methylphenol	8.763	108	306813	9.337	ng/ul	99
19) Hexachloroethane	9.069	117	121779	9.342	ng/ul	98
22) Nitrobenzene	9.204	77	363703	9.771	ng/ul	99
23) Isophorone	9.734	82	741784	9.552	ng/ul	98
25) 2-Nitrophenol	9.916	139	155514	9.513	ng/ul	97
26) 2,4-Dimethylphenol	9.975	107	287174	9.089	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.222	93	439629	9.554	ng/ul	99
29) 2,4-Dichlorophenol	10.445	162	255390	8.294	ng/ul	99
30) Naphthalene	10.851	128	984664	9.082	ng/ul	99
32) 4-Chloroaniline	10.969	127	413843	9.490	ng/ul	100
33) Hexachlorobutadiene	11.122	225	130511	7.069	ng/ul	98
34) Caprolactam	11.751	113	84734	9.117	ng/ul	94
35) 4-Chloro-3-methylphenol	12.080	107	303107	9.173	ng/ul	99
36) 2-Methylnaphthalene	12.457	142	659419	8.582	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	665240	8.531	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	257323	7.675	ng/ul	98
40) Hexachlorocyclopentadiene	12.786	237	156806	8.111	ng/ul	96
41) 2,4,6-Trichlorophenol	13.057	196	182455	8.531	ng/ul	96
42) 2,4,5-Trichlorophenol	13.127	196	195579	8.448	ng/ul	100
43) 1,1'-Biphenyl	13.463	154	842335	9.233	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	641971	9.078	ng/ul	99
45) 2-Nitroaniline	13.716	65	210272	10.670	ng/ul	98
47) Dimethylphthalate	14.086	163	782400	8.923	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	143214	8.783	ng/ul	92
50) Acenaphthylene	14.345	152	1088974	9.226	ng/ul	99
51) 3-Nitroaniline	14.539	138	175845	9.631	ng/ul	99
52) Acenaphthene	14.686	153	714952	9.181	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	63289	8.011	ng/ul	99
55) 4-Nitrophenol	14.833	109	119796	9.941	ng/ul	97
56) Dibenzofuran	15.021	168	928536	8.837	ng/ul	99
57) 2,4-Dinitrotoluene	14.992	165	204966	8.846	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.245	232	151896	8.049	ng/ul#	98
59) Diethylphthalate	15.445	149	803222	9.101	ng/ul	99
61) Fluorene	15.668	166	782469	8.678	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.668	204	332101	7.648	ng/ul	99
63) 4-Nitroaniline	15.692	138	173808	9.715	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	101440	8.517	ng/ul#	98
67) N-Nitrosodiphenylamine	15.880	169	635847	9.701	ng/ul	100
68) 4-Bromophenyl-phenylether	16.557	248	188144	8.252	ng/ul	94
69) Hexachlorobenzene	16.657	284	219513	8.161	ng/ul	98
70) Atrazine	16.833	200	170838	10.281	ng/ul	99
71) Pentachlorophenol	17.010	266	119942	7.543	ng/ul	100
72) Phenanthrene	17.404	178	1113334	9.273	ng/ul	99
74) Anthracene	17.498	178	1134266	9.384	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	261784	8.628	ng/uL	99
76) Pentachlorobenzene	14.933	250	255890	8.367	ng/uL	99
77) Carbazole	17.768	167	1025112	10.257	ng/ul	99
78) Di-n-butylphthalate	18.339	149	1231170	9.499	ng/ul	99
80) Fluoranthene	19.415	202	1062028	10.558	ng/ul	99
82) Pyrene	19.774	202	1109496	10.601	ng/ul	97
83) Butylbenzylphthalate	20.686	149	468986	10.952	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.456	252	283146	9.151	ng/ul	98
85) Benzo(a)anthracene	21.521	228	949075	9.432	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	673052	10.303	ng/ul	98
87) Chrysene	21.574	228	850098	9.428	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	1063359	10.940	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	850846	8.961	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	829061	8.806	ng/ul	99
93) Benzo(a)pyrene	23.850	252	778186	8.869	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.474	276	919477	9.136	ng/ul	99
95) Dibenzo(a,h)anthracene	26.497	278	764826	9.111	ng/ul	98
96) Benzo(g,h,i)perylene	27.250	276	732194	9.559	ng/ul	99

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

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