Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043679.D
Acq On : 29 Dec 2023 19:40
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020175

Quant Time: Dec 30 00:03:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	206541	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	884584	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	501493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1028004	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	921346	20.000	ng/ul	0.00
88) Perylene-d12	23.938	264	1027309	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	44740	7.040	ng/uL	0.00
4) Pyridine-d5	3.793	84	332632	18.186	ng/ul	0.00
7) Phenol-d5	7.128	99	433313	18.442	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.298	67	261736	17.589	ng/ul	0.00
11) 2-Chlorophenol-d4	7.486	132	332004	18.507	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	326915	17.930	ng/ul	0.00
21) Nitrobenzene-d5	9.133	128	159600	18.648	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	170645	19.297	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	301875	19.338	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	426824	18.585	ng/ul	0.00
46) Dimethylphthalate-d6	14.015	166	790581	17.512	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	976750	18.239	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	177175	20.736	ng/ul	0.01
60) Fluorene-d10	15.592	176	694739	18.610	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	107781	15.853	ng/ul	0.00
73) Anthracene-d10	17.445	188	1059881	18.384	ng/ul	0.00
81) Pyrene-d10	19.733	212	1140583	15.680	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	1136495	17.927	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	51503	7.335	ng/uL	95
5) Pyridine	3.810	79	358420	18.949	ng/ul	95
6) Benzaldehyde	7.104	77	204593	18.365	ng/ul	99
8) Phenol	7.151	94	424842	18.379	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.392	93	329553	17.561	ng/ul	99
12) 2-Chlorophenol	7.522	128	333927	18.273	ng/ul	98
13) 2-Methylphenol	8.410	108	313181	17.843	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.486	45	559706	17.761	ng/ul	97
16) Acetophenone	8.798	105	486888	17.442	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.781	70	271005	16.266	ng/ul	98
18) 4-Methylphenol	8.739	108	337625	17.749	ng/ul	100
19) Hexachloroethane	9.033	117	128366	16.659	ng/ul	93
22) Nitrobenzene	9.175	77	391510	18.484	ng/ul	99
23) Isophorone	9.704	82	719410	16.744	ng/ul	100
25) 2-Nitrophenol	9.886	139	181201	19.280	ng/ul	97
26) 2,4-Dimethylphenol	9.945	107	314250	18.770	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.192	93	434750	17.137	ng/ul	100
29) 2,4-Dichlorophenol	10.416	162	291059	19.213	ng/ul	98
30) Naphthalene	10.822	128	1037540	18.404	ng/ul	99
32) 4-Chloroaniline	10.939	127	415893	18.832	ng/ul	99
33) Hexachlorobutadiene	11.086	225	148804	19.265	ng/ul	99
34) Caprolactam	11.727	113	90566	18.707	ng/ul	96
35) 4-Chloro-3-methylphenol	12.057	107	321739	18.081	ng/ul	100
36) 2-Methylnaphthalene	12.427	142	677887	17.664	ng/ul	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	690118	17.829	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	283786	18.572	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	96606	10.076	ng/ul	98
41) 2,4,6-Trichlorophenol	13.033	196	203686	18.753	ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	222182	19.266	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	849912	17.779	ng/ul	100
44) 2-Chloronaphthalene	13.474	162	672459	18.348	ng/ul	99
45) 2-Nitroaniline	13.692	65	231656	18.849	ng/ul	99
47) Dimethylphthalate	14.063	163	791552	17.754	ng/ul	100
48) 2,6-Dinitrotoluene	14.186	165	162357	18.836	ng/ul	95
50) Acenaphthylene	14.321	152	1128166	18.345	ng/ul	99
51) 3-Nitroaniline	14.515	138	199128	20.124	ng/ul	98
52) Acenaphthene	14.663	153	737156	18.187	ng/ul	99
53) 2,4-Dinitrophenol	14.721	184	102146	22.262	ng/ul	97
55) 4-Nitrophenol	14.821	109	141494	21.326	ng/ul	98
56) Dibenzofuran	14.998	168	964561	18.426	ng/ul	98
57) 2,4-Dinitrotoluene	14.974	165	236035	19.382	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.221	232	171676	19.430	ng/ul	96
59) Diethylphthalate	15.421	149	832688	18.225	ng/ul	99
61) Fluorene	15.645	166	829860	18.557	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	356915	18.144	ng/ul	97
63) 4-Nitroaniline	15.674	138	216138	23.864	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.727	198	114219	15.735	ng/ul	98
67) N-Nitrosodiphenylamine	15.857	169	671385	17.003	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	205472	16.871	ng/ul	99
69) Hexachlorobenzene	16.639	284	243981	17.486	ng/ul	99
70) Atrazine	16.815	200	170991	19.756	ng/ul	100
71) Pentachlorophenol	16.992	266	185856	22.033	ng/ul	98
72) Phenanthrene	17.386	178	1250075	17.942	ng/ul	99
74) Anthracene	17.480	178	1290910	18.359	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	283284	16.780	ng/uL	99
76) Pentachlorobenzene	14.910	250	272087	16.551	ng/uL	96
77) Carbazole	17.751	167	1233515	20.554	ng/ul	100
78) Di-n-butylphthalate	18.321	149	1518304	19.352	ng/ul	100
80) Fluoranthene	19.397	202	1384427	15.369	ng/ul	98
82) Pyrene	19.762	202	1463724	15.806	ng/ul	97
83) Butylbenzylphthalate	20.668	149	742667	18.549	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.444	252	428941	18.903	ng/ul	98
85) Benzo(a)anthracene	21.509	228	1415543	18.373	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	1133456	19.885	ng/ul	100
87) Chrysene	21.562	228	1287012	18.569	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	1943482	19.776	ng/ul	100
90) Benzo(b)fluoranthene	23.197	252	1403023	17.822	ng/ul	99
91) Benzo(k)fluoranthene	23.250	252	1331225	17.338	ng/ul	100
93) Benzo(a)pyrene	23.832	252	1294210	18.019	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.450	276	1631181	19.020	ng/ul	100
95) Dibenzo(a,h)anthracene	26.474	278	1359844	19.148	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	1280128	19.042	ng/ul	98

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

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