Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038135.D
Acq On : 20 Dec 2022 15:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020077

Quant Time: Dec 21 00:14:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	142522	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	631567	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.674	164	411238	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	963304	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	935389	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	894093	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	24954	7.950	ng/uL	0.00
4) Pyridine-d5	3.834	84	184640	19.829	ng/ul	0.00
7) Phenol-d5	7.198	99	221946	19.164	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	132320	18.763	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	194638	20.487	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	188426	20.843	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	95147	19.028	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	107495	20.513	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	211633	21.262	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	307165	22.356	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	618019	21.080	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	764211	21.327	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	115797	23.175	ng/ul	0.00
60) Fluorene-d10	15.657	176	572903	21.933	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	101679	19.743	ng/ul	0.00
73) Anthracene-d10	17.510	188	941095	20.933	ng/ul	0.00
81) Pyrene-d10	19.792	212	1113698	19.821	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	933362	20.900	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	25338	7.695	ng/uL	98
5) Pyridine	3.852	79	188262	20.118	ng/ul	97
6) Benzaldehyde	7.181	77	85319	19.696	ng/ul	99
8) Phenol	7.228	94	226148	19.470	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.463	93	181526	19.032	ng/ul	98
12) 2-Chlorophenol	7.604	128	199767	20.560	ng/ul	98
13) 2-Methylphenol	8.487	108	178530	20.085	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.581	45	313717	18.215	ng/ul	99
16) Acetophenone	8.875	105	300714	21.150	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.857	70	135309	20.202	ng/ul	97
18) 4-Methylphenol	8.822	108	194891	20.268	ng/ul	96
19) Hexachloroethane	9.128	117	80400	20.698	ng/ul	93
22) Nitrobenzene	9.257	77	207101	19.248	ng/ul	97
23) Isophorone	9.787	82	395841	20.077	ng/ul	98
25) 2-Nitrophenol	9.975	139	116275	21.164	ng/ul	97
26) 2,4-Dimethylphenol	10.028	107	218125	20.531	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.263	93	260910	19.907	ng/ul	100
29) 2,4-Dichlorophenol	10.504	162	204954	20.987	ng/ul	99
30) Naphthalene	10.910	128	683649	20.059	ng/ul	99
32) 4-Chloroaniline	11.028	127	309794	22.611	ng/ul	97
33) Hexachlorobutadiene	11.186	225	129861	20.214	ng/ul	98
34) Caprolactam	11.810	113	60470	24.139	ng/ul	89
35) 4-Chloro-3-methylphenol	12.139	107	202514	22.782	ng/ul	98
36) 2-Methylnaphthalene	12.510	142	475655	21.517	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	492104	21.771	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.875	216	256950	19.123	ng/ul	97
40) Hexachlorocyclopentadiene	12.851	237	110394	14.362	ng/ul	100
41) 2,4,6-Trichlorophenol	13.116	196	170168	20.791	ng/ul	98
42) 2,4,5-Trichlorophenol	13.186	196	188068	22.033	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	654196	19.791	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	515579	20.219	ng/ul	99
45) 2-Nitroaniline	13.763	65	126925	20.657	ng/ul	95
47) Dimethylphthalate	14.127	163	610280	21.098	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	116633	20.758	ng/ul	94
50) Acenaphthylene	14.398	152	833551	21.156	ng/ul	99
51) 3-Nitroaniline	14.580	138	112737	20.111	ng/ul	99
52) Acenaphthene	14.739	153	580598	21.304	ng/ul	97
53) 2,4-Dinitrophenol	14.786	184	63250	22.941	ng/ul	96
55) 4-Nitrophenol	14.880	109	82164	24.935	ng/ul	97
56) Dibenzofuran	15.069	168	806712	21.682	ng/ul	96
57) 2,4-Dinitrotoluene	15.033	165	173032	22.740	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.292	232	170318	23.720	ng/ul	95
59) Diethylphthalate	15.480	149	673579	23.375	ng/ul	97
61) Fluorene	15.716	166	691103	22.776	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.704	204	334957	22.588	ng/ul	96
63) 4-Nitroaniline	15.739	138	107875	21.223	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.798	198	98402	19.736	ng/ul	96
67) N-Nitrosodiphenylamine	15.921	169	565293	19.454	ng/ul	100
68) 4-Bromophenyl-phenylether	16.598	248	200103	18.950	ng/ul	97
69) Hexachlorobenzene	16.715	284	239420	18.994	ng/ul	94
70) Atrazine	16.868	200	203310	20.474	ng/ul	99
71) Pentachlorophenol	17.057	266	143417	20.465	ng/ul	98
72) Phenanthrene	17.451	178	1093264	20.782	ng/ul	100
74) Anthracene	17.545	178	1147655	21.467	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.480	216	253364	16.269	ng/uL	98
76) Pentachlorobenzene	14.986	250	267869	17.364	ng/uL	99
77) Carbazole	17.815	167	1018572	21.991	ng/ul	99
78) Di-n-butylphthalate	18.362	149	1275444	23.167	ng/ul	99
80) Fluoranthene	19.456	202	1296178	19.546	ng/ul	98
82) Pyrene	19.821	202	1377537	19.960	ng/ul	97
83) Butylbenzylphthalate	20.703	149	573255	22.338	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.492	252	386061	20.857	ng/ul	99
85) Benzo(a)anthracene	21.562	228	1319267	20.949	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	883776	23.672	ng/ul	97
87) Chrysene	21.615	228	1205386	20.401	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	1473190	25.715	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1222343	22.052	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1156300	21.524	ng/ul	99
93) Benzo(a)pyrene	23.921	252	1012461	20.771	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.591	276	1187970	18.924	ng/ul	98
95) Dibenzo(a,h)anthracene	26.603	278	1004261	18.976	ng/ul	98
96) Benzo(g,h,i)perylene	27.391	276	948872	18.931	ng/ul	98

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

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