Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091324\
Data File : BM047518.D
Acq On : 13 Sep 2024 14:11
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020146

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 05:30:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	352292	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.663	136	1604421	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	986407	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	1941706	20.000	ng/ul	-0.01
79) Chrysene-d12	21.450	240	1733551	20.000	ng/ul	-0.02
88) Perylene-d12	24.491	264	1589563	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	74518	8.531	ng/uL	0.00
4) Pyridine-d5	3.710	84	571755	20.487	ng/ul	0.00
7) Phenol-d5	7.016	99	622378	18.847	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	422478	20.553	ng/ul	0.00
11) 2-Chlorophenol-d4	7.392	132	498063	19.803	ng/ul	-0.01
15) 4-Methylphenol-d8	8.563	113	498678	19.212	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	247646	19.987	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	225677	19.280	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	464692	19.524	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.786	131	715577	18.370	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	1341900	18.508	ng/ul	-0.01
49) Acenaphthylene-d8	14.186	160	1685021	19.260	ng/ul	0.00
54) 4-Nitrophenol-d4	14.668	143	256050	17.824	ng/ul	0.00
60) Fluorene-d10	15.480	176	1177645	18.797	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.586	200	159198	15.509	ng/ul	-0.01
73) Anthracene-d10	17.327	188	1827633	19.547	ng/ul	0.00
81) Pyrene-d10	19.609	212	1930760	19.110	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.285	264	1569244	18.578	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	80161	8.503	ng/uL	99
5) Pyridine	3.728	79	585606	20.323	ng/ul	96
6) Benzaldehyde	6.998	77	444163m	25.412	ng/ul	
8) Phenol	7.045	94	659048	19.386	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.281	93	532137	19.795	ng/ul	98
12) 2-Chlorophenol	7.428	128	522020	20.040	ng/ul	99
13) 2-Methylphenol	8.298	108	473967	18.522	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	789194	20.032	ng/ul	99
16) Acetophenone	8.681	105	853667	20.437	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	443217	19.993	ng/ul	94
18) 4-Methylphenol	8.628	108	539389	19.305	ng/ul	98
19) Hexachloroethane	8.951	117	229085	20.468	ng/ul	94
22) Nitrobenzene	9.057	77	639340	20.649	ng/ul	100
23) Isophorone	9.586	82	1182224	19.147	ng/ul	100
25) 2-Nitrophenol	9.769	139	266947	19.726	ng/ul	94
26) 2,4-Dimethylphenol	9.828	107	561809	19.300	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.069	93	718783	19.238	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	473322	19.615	ng/ul	99
30) Naphthalene	10.710	128	1740422	19.689	ng/ul	99
32) 4-Chloroaniline	10.810	127	718849	18.758	ng/ul	99
33) Hexachlorobutadiene	11.004	225	278391	19.343	ng/ul	98
34) Caprolactam	11.563	113	155119m	16.690	ng/ul	
35) 4-Chloro-3-methylphenol	11.927	107	517453	19.043	ng/ul	98
36) 2-Methylnaphthalene	12.322	142	1159997	19.091	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	1174406	19.130	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.686	216	549589	18.767	ng/ul	98
40) Hexachlorocyclopentadiene	12.674	237	352844	17.526	ng/ul	99
41) 2,4,6-Trichlorophenol	12.922	196	343373	19.109	ng/ul	97
42) 2,4,5-Trichlorophenol	12.992	196	374127	19.156	ng/ul	98
43) 1,1'-Biphenyl	13.327	154	1487333	19.129	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	1159761	19.450	ng/ul	100
45) 2-Nitroaniline	13.563	65	352113	20.298	ng/ul	98
47) Dimethylphthalate	13.945	163	1377721	18.708	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	259367	19.300	ng/ul	95
50) Acenaphthylene	14.216	152	1873669	19.812	ng/ul	100
51) 3-Nitroaniline	14.380	138	314925	20.072	ng/ul	99
52) Acenaphthene	14.557	153	1327566	19.759	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	130186	17.606	ng/ul	93
55) 4-Nitrophenol	14.680	109	226566	18.734	ng/ul	97
56) Dibenzofuran	14.892	168	1715123	19.640	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	386049	19.949	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.110	232	286600	19.070	ng/ul	96
59) Diethylphthalate	15.310	149	1471906	18.891	ng/ul	99
61) Fluorene	15.539	166	1542737	20.242	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	700282	19.843	ng/ul	99
63) 4-Nitroaniline	15.539	138	359290	23.142	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.604	198	185419	15.981	ng/ul	99
67) N-Nitrosodiphenylamine	15.739	169	1178852	19.530	ng/ul	98
68) 4-Bromophenyl-phenylether	16.421	248	361560	17.998	ng/ul	99
69) Hexachlorobenzene	16.539	284	413503	18.015	ng/ul	98
70) Atrazine	16.686	200	373692	17.623	ng/ul	98
71) Pentachlorophenol	16.874	266	237716	16.456	ng/ul	98
72) Phenanthrene	17.268	178	2172068	19.609	ng/ul	100
74) Anthracene	17.357	178	2274084	20.275	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	539993	19.124	ng/uL	99
76) Pentachlorobenzene	14.810	250	523972	18.789	ng/uL	99
77) Carbazole	17.621	167	1986173	19.368	ng/ul	100
78) Di-n-butylphthalate	18.198	149	2544657	19.247	ng/ul	99
80) Fluoranthene	19.274	202	2324522	19.521	ng/ul	99
82) Pyrene	19.639	202	2619071	20.635	ng/ul	98
83) Butylbenzylphthalate	20.533	149	1057664	18.255	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.356	252	555815	13.561	ng/ul	98
85) Benzo(a)anthracene	21.439	228	2383828	19.250	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.368	149	1681418	19.138	ng/ul	98
87) Chrysene	21.497	228	2237376	19.584	ng/ul	99
89) Di-n-octyl phthalate	22.521	149	2667530	21.007	ng/ul	100
90) Benzo(b)fluoranthene	23.533	252	1987127	19.475	ng/ul	99
91) Benzo(k)fluoranthene	23.597	252	2034996	20.306	ng/ul	99
93) Benzo(a)pyrene	24.350	252	1819003	19.405	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.926	276	1903789	16.561	ng/ul	98
95) Dibenzo(a,h)anthracene	27.991	278	1542835	16.483	ng/ul	99
96) Benzo(g,h,i)perylene	28.991	276	1467987	16.717	ng/ul	98

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

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