Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044472.D
Acq On : 01 Mar 2024 16:04
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

Quant Time: Mar 01 16:58:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 01 16:56:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	218549	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	914338	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	528761	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1042208	20.000	ng/ul	0.00
79) Chrysene-d12	21.668	240	884635	20.000	ng/ul	0.00
88) Perylene-d12	24.197	264	958827	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	52834	7.627	ng/uL	0.00
4) Pyridine-d5	3.828	84	346853	18.335	ng/ul	0.00
7) Phenol-d5	7.210	99	377374	18.025	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	246410	18.175	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	299440	18.990	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	282127	17.810	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	141538	19.039	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	148519	19.581	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	261555	19.549	ng/ul	0.00
31) 4-Chloroaniline-d4	11.033	131	404272	17.991	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	747964	18.341	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	894357	19.061	ng/ul	0.00
54) 4-Nitrophenol-d4	14.927	143	129578	15.968	ng/ul	0.00
60) Fluorene-d10	15.710	176	646906	18.742	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	103115	15.945	ng/ul	0.00
73) Anthracene-d10	17.574	188	968873	19.497	ng/ul	0.00
81) Pyrene-d10	19.862	212	1059161	19.901	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	950889	19.354	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	53134	7.277	ng/uL	98
5) Pyridine	3.846	79	358503	18.115	ng/ul	100
6) Benzaldehyde	7.187	77	215247	23.685	ng/ul	99
8) Phenol	7.234	94	392232	18.023	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.481	93	330285	18.132	ng/ul	98
12) 2-Chlorophenol	7.604	128	311284	19.082	ng/ul	98
13) 2-Methylphenol	8.504	108	289081	18.030	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.592	45	439736	17.656	ng/ul	97
16) Acetophenone	8.892	105	474479	18.748	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.881	70	241516	19.050	ng/ul	99
18) 4-Methylphenol	8.839	108	310060	18.154	ng/ul	98
19) Hexachloroethane	9.134	117	131282	18.970	ng/ul	96
22) Nitrobenzene	9.275	77	349595	19.444	ng/ul	97
23) Isophorone	9.810	82	648164	18.601	ng/ul	99
25) 2-Nitrophenol	9.992	139	164347	19.537	ng/ul	99
26) 2,4-Dimethylphenol	10.057	107	303172	18.874	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.310	93	423107	18.678	ng/ul	100
29) 2,4-Dichlorophenol	10.528	162	265341	19.595	ng/ul	100
30) Naphthalene	10.933	128	993855	19.112	ng/ul	100
32) 4-Chloroaniline	11.057	127	405775	18.531	ng/ul	98
33) Hexachlorobutadiene	11.210	225	155827	19.101	ng/ul	98
34) Caprolactam	11.839	113	79689m	17.025	ng/ul	
35) 4-Chloro-3-methylphenol	12.180	107	280801	19.464	ng/ul	97
36) 2-Methylnaphthalene	12.545	142	632351	19.091	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	622357	19.007	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	296715	18.956	ng/ul	98
40) Hexachlorocyclopentadiene	12.880	237	197238	18.729	ng/ul	100
41) 2,4,6-Trichlorophenol	13.151	196	192313	19.275	ng/ul	99
42) 2,4,5-Trichlorophenol	13.222	196	206409	19.137	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	802770	18.649	ng/ul	98
44) 2-Chloronaphthalene	13.598	162	635399	18.851	ng/ul	99
45) 2-Nitroaniline	13.810	65	177631	19.034	ng/ul	97
47) Dimethylphthalate	14.192	163	763523	18.319	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	146416	18.784	ng/ul	99
50) Acenaphthylene	14.439	152	1051835	18.926	ng/ul	99
51) 3-Nitroaniline	14.639	138	154737	18.817	ng/ul	96
52) Acenaphthene	14.780	153	682102	18.592	ng/ul	99
53) 2,4-Dinitrophenol	14.845	184	70002	14.473	ng/ul	97
55) 4-Nitrophenol	14.939	109	91482	16.410	ng/ul	98
56) Dibenzofuran	15.116	168	922373	18.728	ng/ul	98
57) 2,4-Dinitrotoluene	15.092	165	216408	19.326	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.339	232	169494	19.527	ng/ul	100
59) Diethylphthalate	15.551	149	792140	18.464	ng/ul	99
61) Fluorene	15.768	166	748881	18.931	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.768	204	355636	19.076	ng/ul	99
63) 4-Nitroaniline	15.798	138	154500m	19.426	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.851	198	118351	16.730	ng/ul	95
67) N-Nitrosodiphenylamine	15.986	169	613826	19.435	ng/ul	100
68) 4-Bromophenyl-phenylether	16.668	248	202000	19.507	ng/ul	97
69) Hexachlorobenzene	16.763	284	232353	19.605	ng/ul	99
70) Atrazine	16.951	200	194695	18.818	ng/ul	98
71) Pentachlorophenol	17.115	266	138949	17.790	ng/ul	100
72) Phenanthrene	17.515	178	1149242	19.222	ng/ul	100
74) Anthracene	17.604	178	1174579	19.512	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	289859	19.868	ng/uL	98
76) Pentachlorobenzene	15.027	250	272789	19.587	ng/uL	98
77) Carbazole	17.886	167	1072165	18.942	ng/ul	99
78) Di-n-butylphthalate	18.462	149	1366114	19.062	ng/ul	100
80) Fluoranthene	19.533	202	1265252	19.822	ng/ul	98
82) Pyrene	19.892	202	1345070	20.094	ng/ul	100
83) Butylbenzylphthalate	20.815	149	569973	18.957	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.592	252	346205	17.496	ng/ul	100
85) Benzo(a)anthracene	21.656	228	1274631	19.319	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	893064	19.401	ng/ul	99
87) Chrysene	21.709	228	1190330	19.193	ng/ul	99
89) Di-n-octyl phthalate	22.586	149	1432098	17.433	ng/ul	100
90) Benzo(b)fluoranthene	23.421	252	1207064	19.637	ng/ul	99
91) Benzo(k)fluoranthene	23.474	252	1252633	19.841	ng/ul	100
93) Benzo(a)pyrene	24.086	252	1146259	19.342	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.868	276	1360836	18.988	ng/ul	99
95) Dibenzo(a,h)anthracene	26.897	278	1131326	18.890	ng/ul	98
96) Benzo(g,h,i)perylene	27.685	276	1112755	19.194	ng/ul	98

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

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