Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
Data File : BM048602.D
Acq On : 12 Nov 2024 02:55
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020054

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 12 04:09:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	166460	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	685460	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	421934	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.051	188	879499	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	854566	20.000	ng/ul	0.00
88) Perylene-d12	24.186	264	974048	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	33974	8.136	ng/uL	0.00
4) Pyridine-d5	3.540	84	236110	20.518	ng/ul	0.00
7) Phenol-d5	6.840	99	267780	21.132	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	160520	21.090	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.193	132	229335	21.848	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	213443	21.422	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	108975	21.935	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	117193	22.177	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	213584	21.757	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	299290	21.464	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	588262	21.841	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	699463	22.027	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	105931	21.175	ng/ul	0.00
60) Fluorene-d10	15.304	176	515964	21.946	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	88477	19.997	ng/ul	0.00
73) Anthracene-d10	17.151	188	817971	21.978	ng/ul	0.00
81) Pyrene-d10	19.445	212	961646	22.423	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	995538	21.875	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	35969	7.849	ng/uL	94
5) Pyridine	3.557	79	243340	20.600	ng/ul	99
6) Benzaldehyde	6.804	77	167738	26.787	ng/ul	97
8) Phenol	6.869	94	280240	21.079	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.087	93	218811	20.943	ng/ul	99
12) 2-Chlorophenol	7.222	128	236157	21.717	ng/ul	98
13) 2-Methylphenol	8.110	108	210649	21.404	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.175	45	319251	20.778	ng/ul	99
16) Acetophenone	8.481	105	338950	21.824	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.463	70	159281	21.823	ng/ul	99
18) 4-Methylphenol	8.440	108	233446	21.663	ng/ul	98
19) Hexachloroethane	8.728	117	96450	20.988	ng/ul	99
22) Nitrobenzene	8.857	77	244713	21.724	ng/ul	98
23) Isophorone	9.381	82	445628	21.387	ng/ul	100
25) 2-Nitrophenol	9.569	139	128377	22.292	ng/ul	96
26) 2,4-Dimethylphenol	9.634	107	231747	21.544	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.863	93	282109	21.690	ng/ul	99
29) 2,4-Dichlorophenol	10.104	162	219086	22.002	ng/ul	95
30) Naphthalene	10.492	128	740115	21.332	ng/ul	99
32) 4-Chloroaniline	10.610	127	279185	21.235	ng/ul	99
33) Hexachlorobutadiene	10.775	225	142808	21.193	ng/ul	98
34) Caprolactam	11.392	113	66626	21.229	ng/ul	92
35) 4-Chloro-3-methylphenol	11.751	107	213006	22.106	ng/ul	98
36) 2-Methylnaphthalene	12.116	142	489915	22.069	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.333	142	493628	21.668	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.486	216	258487	21.379	ng/ul	100
40) Hexachlorocyclopentadiene	12.463	237	119867	19.395	ng/ul	98
41) 2,4,6-Trichlorophenol	12.733	196	168137	22.015	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	181392	22.302	ng/ul	99
43) 1,1'-Biphenyl	13.133	154	619146	21.461	ng/ul	100
44) 2-Chloronaphthalene	13.174	162	492057	21.614	ng/ul	98
45) 2-Nitroaniline	13.392	65	130170	22.768	ng/ul	93
47) Dimethylphthalate	13.769	163	586330	21.671	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	115816	22.455	ng/ul	97
50) Acenaphthylene	14.027	152	759757	21.705	ng/ul	100
51) 3-Nitroaniline	14.227	138	125984	22.493	ng/ul	95
52) Acenaphthene	14.369	153	528381	21.442	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	47527	17.138	ng/ul	94
55) 4-Nitrophenol	14.545	109	75637	20.913	ng/ul	96
56) Dibenzofuran	14.710	168	741644	21.816	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	175531	23.413	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.939	232	153642	22.710	ng/ul	98
59) Diethylphthalate	15.133	149	591707	22.198	ng/ul	99
61) Fluorene	15.357	166	588757	21.875	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	289482	21.832	ng/ul	99
63) 4-Nitroaniline	15.392	138	130260m	23.617	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	97671	20.286	ng/ul	97
67) N-Nitrosodiphenylamine	15.568	169	498288	21.496	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	178872	21.565	ng/ul	96
69) Hexachlorobenzene	16.363	284	212930	21.270	ng/ul	98
70) Atrazine	16.527	200	181447	21.507	ng/ul	99
71) Pentachlorophenol	16.710	266	135458	21.291	ng/ul	97
72) Phenanthrene	17.092	178	941832	21.592	ng/ul	99
74) Anthracene	17.186	178	959111	21.909	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	256981	20.482	ng/uL	99
76) Pentachlorobenzene	14.627	250	252304	20.640	ng/uL	99
77) Carbazole	17.462	167	889308	22.554	ng/ul	98
78) Di-n-butylphthalate	18.021	149	1018953	21.980	ng/ul	100
80) Fluoranthene	19.115	202	1108039	22.267	ng/ul	99
82) Pyrene	19.474	202	1205775	22.347	ng/ul	99
83) Butylbenzylphthalate	20.380	149	468238	22.592	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.192	252	363477	23.410	ng/ul	99
85) Benzo(a)anthracene	21.262	228	1185631	22.009	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	680760	22.515	ng/ul	99
87) Chrysene	21.321	228	1129853	21.826	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	1172616	21.355	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1171132	21.841	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1193961	22.333	ng/ul	100
93) Benzo(a)pyrene	24.050	252	1112103	22.060	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.462	276	1401765	21.396	ng/ul	98
95) Dibenzo(a,h)anthracene	27.509	278	1144304	21.384	ng/ul	98
96) Benzo(g,h,i)perylene	28.479	276	1091695	21.252	ng/ul	99

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

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