Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048103.D
Acq On : 17 Oct 2024 12:27
Operator : RC/JU
Sample : SSTD01043
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 17 14:49:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 14:37:21 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010028

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	253344	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	969048	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	564803	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.151	188	1098882	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	994635	20.000	ng/ul	0.00
88) Perylene-d12	24.362	264	1137444	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	28454	3.750	ng/uL	0.00
4) Pyridine-d5	3.651	84	191091	8.669	ng/ul	0.00
7) Phenol-d5	6.951	99	214165	9.091	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	128828	8.007	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	188297	10.749	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	163551	9.231	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	84454	10.806	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	92623	11.850	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.192	165	167682	11.134	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	220897	9.691	ng/ul	0.00
46) Dimethylphthalate-d6	13.815	166	441320	10.734	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	526420	10.815	ng/ul	0.00
54) 4-Nitrophenol-d4	14.621	143	70033	8.586	ng/ul	0.00
60) Fluorene-d10	15.398	176	385564	10.862	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	67874	10.096	ng/ul	0.00
73) Anthracene-d10	17.245	188	571085	10.570	ng/ul	0.00
81) Pyrene-d10	19.539	212	643300	11.169	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.156	264	648085	10.846	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	29782	3.620	ng/uL	94
5) Pyridine	3.669	79	197353	8.578	ng/ul	99
6) Benzaldehyde	6.916	77	124653	11.173	ng/ul	98
8) Phenol	6.975	94	219002	8.773	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.198	93	178046	9.019	ng/ul	99
12) 2-Chlorophenol	7.339	128	189813	10.326	ng/ul	98
13) 2-Methylphenol	8.222	108	164944	9.304	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.292	45	259927	7.316	ng/ul	99
16) Acetophenone	8.592	105	267482	8.992	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.575	70	125462	8.196	ng/ul	99
18) 4-Methylphenol	8.545	108	180362	9.130	ng/ul	98
19) Hexachloroethane	8.845	117	81369	9.935	ng/ul	97
22) Nitrobenzene	8.969	77	185527	8.755	ng/ul	98
23) Isophorone	9.498	82	361525	9.463	ng/ul	99
25) 2-Nitrophenol	9.680	139	99209	11.361	ng/ul	99
26) 2,4-Dimethylphenol	9.745	107	178013	9.909	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.975	93	225682	9.641	ng/ul	100
29) 2,4-Dichlorophenol	10.216	162	170148	11.030	ng/ul	99
30) Naphthalene	10.610	128	578893	10.425	ng/ul	100
32) 4-Chloroaniline	10.722	127	216235	9.707	ng/ul	98
33) Hexachlorobutadiene	10.898	225	115343	11.267	ng/ul	97
34) Caprolactam	11.504	113	49896m	10.029	ng/ul	
35) 4-Chloro-3-methylphenol	11.857	107	161491	10.262	ng/ul	97
36) 2-Methylnaphthalene	12.227	142	374657	10.528	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	380570	10.554	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.598	216	198974	10.796	ng/ul	100
40) Hexachlorocyclopentadiene	12.574	237	104373	9.482	ng/ul	98
41) 2,4,6-Trichlorophenol	12.845	196	128400	11.780	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	133371	11.251	ng/ul	97
43) 1,1'-Biphenyl	13.239	154	478455	10.603	ng/ul	99
44) 2-Chloronaphthalene	13.280	162	376302	10.754	ng/ul	99
45) 2-Nitroaniline	13.486	65	90857	8.505	ng/ul	98
47) Dimethylphthalate	13.863	163	445439	10.727	ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	83791	11.218	ng/ul	97
50) Acenaphthylene	14.127	152	578310	10.589	ng/ul	99
51) 3-Nitroaniline	14.315	138	83621	9.748	ng/ul	97
52) Acenaphthene	14.468	153	400369	10.417	ng/ul	98
53) 2,4-Dinitrophenol	14.527	184	44238	9.285	ng/ul	94
55) 4-Nitrophenol	14.633	109	50480	7.642	ng/ul	98
56) Dibenzofuran	14.804	168	553368	10.655	ng/ul	98
57) 2,4-Dinitrotoluene	14.774	165	118162	10.652	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.039	232	108631	11.562	ng/ul#	97
59) Diethylphthalate	15.227	149	444042	10.684	ng/ul	99
61) Fluorene	15.457	166	439955	10.302	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	218201	10.681	ng/ul	99
63) 4-Nitroaniline	15.474	138	80894	10.177	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.539	198	75930	10.283	ng/ul	99
67) N-Nitrosodiphenylamine	15.662	169	364783	10.702	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	127620	11.059	ng/ul	97
69) Hexachlorobenzene	16.462	284	153950	11.429	ng/ul	98
70) Atrazine	16.615	200	127806	11.117	ng/ul	96
71) Pentachlorophenol	16.809	266	93816	10.757	ng/ul	96
72) Phenanthrene	17.192	178	657127	10.290	ng/ul	99
74) Anthracene	17.280	178	667183	10.246	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	200574	10.940	ng/uL	99
76) Pentachlorobenzene	14.733	250	198684	11.069	ng/uL	97
77) Carbazole	17.556	167	598750	10.124	ng/ul	100
78) Di-n-butylphthalate	18.109	149	748540	11.089	ng/ul	100
80) Fluoranthene	19.203	202	755602	11.172	ng/ul	99
82) Pyrene	19.568	202	807263	10.801	ng/ul	97
83) Butylbenzylphthalate	20.456	149	335457	12.135	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	241904	11.287	ng/ul	98
85) Benzo(a)anthracene	21.356	228	772535	10.964	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	501829	12.155	ng/ul	100
87) Chrysene	21.415	228	732691	10.743	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	871702	11.243	ng/ul	100
90) Benzo(b)fluoranthene	23.415	252	756513	10.605	ng/ul	99
91) Benzo(k)fluoranthene	23.480	252	783683	10.728	ng/ul	99
93) Benzo(a)pyrene	24.221	252	713001	10.527	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.726	276	919291	10.572	ng/ul	99
95) Dibenzo(a,h)anthracene	27.779	278	747150	10.482	ng/ul	98
96) Benzo(g,h,i)perylene	28.779	276	707982	10.426	ng/ul	99

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

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