Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
Data File : BM048710.D
Acq On : 15 Nov 2024 15:51
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 16:59:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 16:55:33 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020057

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	114460	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	444811	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.274	164	268956	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.021	188	538205	20.000	ng/ul	0.00
79) Chrysene-d12	21.250	240	535955	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	631721	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	24357	8.483	ng/uL	0.00
4) Pyridine-d5	3.499	84	155783	19.688	ng/ul	0.00
7) Phenol-d5	6.804	99	173776	19.944	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	107382	20.518	ng/ul	0.00
11) 2-Chlorophenol-d4	7.157	132	148597	20.588	ng/ul	0.00
15) 4-Methylphenol-d8	8.339	113	133539	19.492	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	68729	21.318	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	72538	21.153	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	135568	21.281	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	183635	20.295	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	372266	21.683	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	434760	21.478	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	61102	19.161	ng/ul	0.00
60) Fluorene-d10	15.268	176	323349	21.576	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	56678	20.934	ng/ul	0.00
73) Anthracene-d10	17.121	188	496669	21.807	ng/ul	0.00
81) Pyrene-d10	19.421	212	578385	21.503	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	632783	21.439	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.116	88	26104	8.284	ng/uL	97
5) Pyridine	3.522	79	162227	19.972	ng/ul	96
6) Benzaldehyde	6.769	77	107942	25.069	ng/ul	97
8) Phenol	6.834	94	182763	19.992	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.051	93	145922	20.311	ng/ul	98
12) 2-Chlorophenol	7.187	128	153888	20.580	ng/ul	99
13) 2-Methylphenol	8.075	108	133747	19.764	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	219980	20.822	ng/ul	99
16) Acetophenone	8.445	105	221485	20.739	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	104765	20.874	ng/ul	96
18) 4-Methylphenol	8.404	108	148113	19.989	ng/ul	100
19) Hexachloroethane	8.687	117	65566	20.750	ng/ul	93
22) Nitrobenzene	8.822	77	157452	21.539	ng/ul	95
23) Isophorone	9.345	82	286061	21.156	ng/ul	99
25) 2-Nitrophenol	9.534	139	81193	21.726	ng/ul	97
26) 2,4-Dimethylphenol	9.598	107	147794	21.173	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	182146	21.581	ng/ul	100
29) 2,4-Dichlorophenol	10.069	162	135462	20.964	ng/ul	97
30) Naphthalene	10.457	128	476523	21.166	ng/ul	100
32) 4-Chloroaniline	10.581	127	177570	20.813	ng/ul	98
33) Hexachlorobutadiene	10.739	225	91295	20.878	ng/ul	99
34) Caprolactam	11.357	113	39682m	19.485	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	130691	20.901	ng/ul	99
36) 2-Methylnaphthalene	12.080	142	307649	21.356	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	314043	21.243	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	162797	21.123	ng/ul	97
40) Hexachlorocyclopentadiene	12.427	237	87724	22.268	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	102715	21.099	ng/ul	97
42) 2,4,5-Trichlorophenol	12.780	196	108716	20.970	ng/ul	100
43) 1,1'-Biphenyl	13.104	154	391669	21.298	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	308937	21.289	ng/ul	98
45) 2-Nitroaniline	13.363	65	78357	21.501	ng/ul	97
47) Dimethylphthalate	13.739	163	375991	21.801	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	71226	21.664	ng/ul	98
50) Acenaphthylene	13.992	152	478505	21.446	ng/ul	100
51) 3-Nitroaniline	14.198	138	75643	21.186	ng/ul	94
52) Acenaphthene	14.339	153	335531	21.360	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	31964	18.082	ng/ul	92
55) 4-Nitrophenol	14.516	109	43382	18.818	ng/ul	99
56) Dibenzofuran	14.674	168	465506	21.482	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	105382	22.051	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	91043	21.111	ng/ul	97
59) Diethylphthalate	15.104	149	372631	21.930	ng/ul	98
61) Fluorene	15.327	166	370809	21.614	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.321	204	181495	21.473	ng/ul	99
63) 4-Nitroaniline	15.368	138	71791m	20.420	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.421	198	62908	21.351	ng/ul	98
67) N-Nitrosodiphenylamine	15.539	169	312097	22.002	ng/ul	99
68) 4-Bromophenyl-phenylether	16.215	248	109477	21.568	ng/ul	95
69) Hexachlorobenzene	16.333	284	130413	21.289	ng/ul	98
70) Atrazine	16.498	200	111859	21.667	ng/ul	99
71) Pentachlorophenol	16.680	266	74495	19.134	ng/ul	98
72) Phenanthrene	17.062	178	575951	21.577	ng/ul	99
74) Anthracene	17.157	178	583279	21.773	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	158886	20.694	ng/uL	99
76) Pentachlorobenzene	14.598	250	156373	20.904	ng/uL	99
77) Carbazole	17.433	167	524715	21.746	ng/ul	99
78) Di-n-butylphthalate	17.998	149	643075	22.669	ng/ul	99
80) Fluoranthene	19.086	202	663812	21.270	ng/ul	99
82) Pyrene	19.451	202	732430	21.644	ng/ul	99
83) Butylbenzylphthalate	20.356	149	287124	22.089	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.162	252	221522	22.748	ng/ul	99
85) Benzo(a)anthracene	21.233	228	726918	21.516	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.162	149	414014	21.833	ng/ul	100
87) Chrysene	21.292	228	696821	21.463	ng/ul	98
89) Di-n-octyl phthalate	22.250	149	714225	20.056	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	748987	21.538	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	747549	21.560	ng/ul	100
93) Benzo(a)pyrene	23.997	252	711040	21.747	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.374	276	915419	21.544	ng/ul	97
95) Dibenzo(a,h)anthracene	27.415	278	751413	21.651	ng/ul	99
96) Benzo(g,h,i)perylene	28.385	276	711842	21.367	ng/ul	98

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

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