Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042223\
Data File : BM039574.D
Acq On : 22 Apr 2023 13:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 22 23:40:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020118

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	177988	20.000	ng/ul	0.00
20) Naphthalene-d8	10.631	136	735583	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	438537	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	881080	20.000	ng/ul	0.00
79) Chrysene-d12	21.430	240	748124	20.000	ng/ul	0.00
88) Perylene-d12	23.794	264	791669	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	41522	8.954	ng/uL	0.00
4) Pyridine-d5	3.637	84	258960	19.876	ng/ul	0.00
7) Phenol-d5	7.007	99	317429	19.486	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.154	67	206142	19.145	ng/ul	0.00
11) 2-Chlorophenol-d4	7.354	132	271822	21.271	ng/ul	0.00
15) 4-Methylphenol-d8	8.554	113	245376	18.699	ng/ul	0.00
21) Nitrobenzene-d5	8.989	128	130825	22.107	ng/ul	0.00
24) 2-Nitrophenol-d4	9.719	143	147281	22.164	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.266	165	249952	21.860	ng/ul	0.00
31) 4-Chloroaniline-d4	10.778	131	335891	19.669	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	731088	20.671	ng/ul	0.00
49) Acenaphthylene-d8	14.171	160	860628	21.661	ng/ul	0.00
54) 4-Nitrophenol-d4	14.742	143	65349	12.209	ng/ul	0.01
60) Fluorene-d10	15.477	176	605043	20.881	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.613	200	109927	18.775	ng/ul	0.00
73) Anthracene-d10	17.330	188	917521	21.654	ng/ul	0.00
81) Pyrene-d10	19.630	212	1028477	20.688	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.641	264	904956	21.173	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.249	88	44027	8.676	ng/uL#	92
5) Pyridine	3.655	79	275165	20.029	ng/ul	98
6) Benzaldehyde	6.966	77	174376	25.055	ng/ul	98
8) Phenol	7.037	94	326244	19.235	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.248	93	272785	19.290	ng/ul	99
12) 2-Chlorophenol	7.390	128	274421	21.341	ng/ul	99
13) 2-Methylphenol	8.284	108	252444	19.162	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.354	45	378453m	19.268	ng/ul	
16) Acetophenone	8.654	105	406720	18.870	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.637	70	217459	18.229	ng/ul	99
18) 4-Methylphenol	8.619	108	267790	18.828	ng/ul	97
19) Hexachloroethane	8.895	117	127610	21.850	ng/ul	99
22) Nitrobenzene	9.037	77	311589	21.324	ng/ul	98
23) Isophorone	9.560	82	619333	19.877	ng/ul	100
25) 2-Nitrophenol	9.748	139	150511	21.708	ng/ul	99
26) 2,4-Dimethylphenol	9.819	107	304042	21.458	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.042	93	367898	20.079	ng/ul	98
29) 2,4-Dichlorophenol	10.295	162	242970	21.572	ng/ul	100
30) Naphthalene	10.678	128	878368	21.582	ng/ul	100
32) 4-Chloroaniline	10.801	127	334570	19.883	ng/ul	99
33) Hexachlorobutadiene	10.954	225	169655	22.859	ng/ul	98
34) Caprolactam	11.589	113	78506	18.717	ng/ul	87
35) 4-Chloro-3-methylphenol	11.954	107	261919	19.917	ng/ul	99
36) 2-Methylnaphthalene	12.295	142	559481	20.506	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.519	142	563117	20.538	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.666	216	295062	22.416	ng/ul	99
40)	Hexachlorocyclopentadiene	12.636	237	124779	15.910	ng/ul	98
41)	2,4,6-Trichlorophenol	12.919	196	188721	21.461	ng/ul	96
42)	2,4,5-Trichlorophenol	13.007	196	195959	21.440	ng/ul	98
43)	1,1'-Biphenyl	13.313	154	739878	21.831	ng/ul	99
44)	2-Chloronaphthalene	13.354	162	583808	21.960	ng/ul	99
45)	2-Nitroaniline	13.577	65	163245	21.278	ng/ul	98
47)	Dimethylphthalate	13.942	163	720353	20.572	ng/ul	100
48)	2,6-Dinitrotoluene	14.071	165	144457	20.398	ng/ul	95
50)	Acenaphthylene	14.201	152	925114	21.767	ng/ul	100
51)	3-Nitroaniline	14.407	138	132071	19.896	ng/ul	98
52)	Acenaphthene	14.542	153	618921	21.151	ng/ul	99
53)	2,4-Dinitrophenol	14.630	184	72401	19.206	ng/ul	94
55)	4-Nitrophenol	14.754	109	50821	12.500	ng/ul	93
56)	Dibenzofuran	14.877	168	853185	21.451	ng/ul	99
57)	2,4-Dinitrotoluene	14.866	165	204262	20.757	ng/ul#	95
58)	2,3,4,6-Tetrachlorophenol	15.118	232	166950	20.407	ng/ul	96
59)	Diethylphthalate	15.301	149	734066	20.223	ng/ul	99
61)	Fluorene	15.530	166	692788	21.057	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.524	204	344429	21.121	ng/ul	99
63)	4-Nitroaniline	15.571	138	117283m	23.040	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.630	198	108627	19.297	ng/ul	98
67)	N-Nitrosodiphenylamine	15.742	169	576575	21.964	ng/ul	99
68)	4-Bromophenyl-phenylether	16.418	248	204943	21.536	ng/ul	98
69)	Hexachlorobenzene	16.536	284	233834	21.389	ng/ul	97
70)	Atrazine	16.701	200	213363	21.904	ng/ul	97
71)	Pentachlorophenol	16.901	266	127895	20.012	ng/ul	99
72)	Phenanthrene	17.277	178	1059883	21.668	ng/ul	99
74)	Anthracene	17.365	178	1066644	21.736	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.277	216	299688	22.839	ng/uL	98
76)	Pentachlorobenzene	14.801	250	292097	22.615	ng/uL	99
77)	Carbazole	17.648	167	942545	21.615	ng/ul	99
78)	Di-n-butylphthalate	18.201	149	1300082	21.079	ng/ul	99
80)	Fluoranthene	19.295	202	1216608	20.879	ng/ul	97
82)	Pyrene	19.659	202	1255467	20.813	ng/ul	97
83)	Butylbenzylphthalate	20.559	149	588405	20.665	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.347	252	363179	21.891	ng/ul	98
85)	Benzo(a)anthracene	21.412	228	1159314	21.425	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.330	149	867260	20.482	ng/ul	100
87)	Chrysene	21.465	228	1110882	21.522	ng/ul	99
89)	Di-n-octyl phthalate	22.242	149	1475564	18.551	ng/ul	100
90)	Benzo(b)fluoranthene	23.077	252	1107626	19.884	ng/ul	99
91)	Benzo(k)fluoranthene	23.118	252	1143905	20.910	ng/ul	99
93)	Benzo(a)pyrene	23.688	252	994777	21.187	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.253	276	1273860	24.665	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.259	278	1061826	24.797	ng/ul	100
96)	Benzo(g,h,i)perylene	27.006	276	1039876	25.275	ng/ul	99

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

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