Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051022\
Data File : BM034959.D
Acq On : 10 May 2022 11:53
Operator : CG/JU
Sample : SSTD01033
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 10 16:07:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:06:09 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010033

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

05/11/2022
Supervised By :mohammad ahmed

05/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	205585	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	913208	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	591352	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1171595	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.468	240	936548	20.000	ng/ul	0.00
88) Perylene-d12	23.856	264	773186	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	18964	4.053	ng/uL	0.00
4) Pyridine-d5	3.781	84	124966	10.760	ng/ul	0.00
7) Phenol-d5	7.081	99	161739	10.416	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	109599	12.586	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	134044	10.200	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	133564	10.751	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	64080	9.606	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	65848	9.507	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	131353	9.003	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	192907	9.779	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	434395	10.090	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	544311	9.831	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	64424	8.915	ng/ul	0.00
60) Fluorene-d10	15.545	176	374298	10.048	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	54236	8.069	ng/ul	0.00
73) Anthracene-d10	17.392	188	554038	9.711	ng/ul	0.00
81) Pyrene-d10	19.680	212	576692	11.314	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.697	264	380705	9.735	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	19386	4.240	ng/uL	92
5) Pyridine	3.799	79	137821	11.313	ng/ul	95
6) Benzaldehyde	7.057	77	116355	14.181	ng/ul	98
8) Phenol	7.110	94	166881	10.921	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.340	93	137021	11.618	ng/ul	95
12) 2-Chlorophenol	7.487	128	139193	10.464	ng/ul	99
13) 2-Methylphenol	8.363	108	123395	10.651	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.451	45	232480	14.649	ng/ul	97
16) Acetophenone	8.740	105	224901	11.815	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.728	70	117776	12.900	ng/ul	93
18) 4-Methylphenol	8.687	108	138499	11.050	ng/ul	95
19) Hexachloroethane	9.004	117	58845	10.559	ng/ul	85
22) Nitrobenzene	9.116	77	168587	11.194	ng/ul	93
23) Isophorone	9.645	82	305288	11.056	ng/ul	96
25) 2-Nitrophenol	9.834	139	75039	9.867	ng/ul	93
26) 2,4-Dimethylphenol	9.898	107	163424	10.210	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.134	93	193885	11.201	ng/ul	97
29) 2,4-Dichlorophenol	10.369	162	130535	9.172	ng/ul	97
30) Naphthalene	10.775	128	472944	10.135	ng/ul	98
32) 4-Chloroaniline	10.875	127	195406	9.978	ng/ul	97
33) Hexachlorobutadiene	11.069	225	85850	8.349	ng/ul	98
34) Caprolactam	11.633	113	36883m	10.395	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	143683	10.655	ng/ul	97
36) 2-Methylnaphthalene	12.380	142	328979	10.172	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	334327	10.273	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	159787	8.486	ng/ul	97
40) Hexachlorocyclopentadiene	12.739	237	90224	6.619	ng/ul	96
41) 2,4,6-Trichlorophenol	12.986	196	100357	8.861	ng/ul	98
42) 2,4,5-Trichlorophenol	13.057	196	105478	8.705	ng/ul	98
43) 1,1'-Biphenyl	13.392	154	451100	9.869	ng/ul#	98
44) 2-Chloronaphthalene	13.427	162	345063	9.693	ng/ul	96
45) 2-Nitroaniline	13.627	65	93297	12.156	ng/ul	89
47) Dimethylphthalate	14.010	163	431185	10.230	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	75759	9.972	ng/ul#	80
50) Acenaphthylene	14.274	152	556602	10.081	ng/ul	99
51) 3-Nitroaniline	14.451	138	81042	12.010	ng/ul	91
52) Acenaphthene	14.616	153	375182	10.311	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	32142	7.261	ng/ul	91
55) 4-Nitrophenol	14.751	109	60874	10.614	ng/ul	88
56) Dibenzofuran	14.951	168	523684	10.116	ng/ul	95
57) 2,4-Dinitrotoluene	14.910	165	113098	10.601	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.174	232	87073	9.033	ng/ul#	93
59) Diethylphthalate	15.374	149	452172	10.944	ng/ul	97
61) Fluorene	15.598	166	425600	10.214	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.592	204	202157	9.433	ng/ul	92
63) 4-Nitroaniline	15.604	138	81806m	13.819	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.668	198	57442	8.520	ng/ul	94
67) N-Nitrosodiphenylamine	15.804	169	359737	9.982	ng/ul	98
68) 4-Bromophenyl-phenylether	16.486	248	112419	8.728	ng/ul	92
69) Hexachlorobenzene	16.604	284	129021	8.766	ng/ul	94
70) Atrazine	16.757	200	119094	8.985	ng/ul	97
71) Pentachlorophenol	16.945	266	68130	7.129	ng/ul	96
72) Phenanthrene	17.333	178	653461	10.143	ng/ul	100
74) Anthracene	17.427	178	650969	9.937	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	164346	8.331	ng/uL	99
76) Pentachlorobenzene	14.874	250	156051	8.582	ng/uL	99
77) Carbazole	17.692	167	573023	10.011	ng/ul	99
78) Di-n-butylphthalate	18.268	149	716039	10.959	ng/ul	99
80) Fluoranthene	19.345	202	689846	11.575	ng/ul#	94
82) Pyrene	19.709	202	712821	11.613	ng/ul	96
83) Butylbenzylphthalate	20.609	149	278237	12.934	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.386	252	166177	8.649	ng/ul	98
85) Benzo(a)anthracene	21.456	228	595543	10.227	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	416053	12.198	ng/ul#	97
87) Chrysene	21.503	228	575634	10.053	ng/ul	100
89) Di-n-octyl phthalate	22.315	149	598979	13.666	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	502521m	10.633	ng/ul	
91) Benzo(k)fluoranthene	23.174	252	488749	10.894	ng/ul	99
93) Benzo(a)pyrene	23.744	252	472464	9.973	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.321	276	508849	8.900	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.338	278	440384	8.908	ng/ul#	95
96) Benzo(g,h,i)perylene	27.074	276	421029	8.709	ng/ul#	92

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

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