Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010923\
Data File : BM038408.D
Acq On : 09 Jan 2023 10:39
Operator : CG/JU
Sample : N4239-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 09 11:09:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:11:50 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2022-05

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	54223	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	204935	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.627	164	127730	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	284174	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	287053	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	358030	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	7657m	4.579	ng/uL	0.00
4) Pyridine-d5	3.799	84	60251	12.455	ng/ul	0.00
7) Phenol-d5	7.151	99	88772	17.972	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.316	67	66129	18.610	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.516	132	65869	18.611	ng/ul	-0.01
15) 4-Methylphenol-d8	8.704	113	65232	17.108	ng/ul	-0.01
21) Nitrobenzene-d5	9.163	128	28635	17.810	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.886	143	32888	18.036	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.422	165	63412	18.008	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.951	131	79950	16.453	ng/ul	0.00
46) Dimethylphthalate-d6	14.033	166	172488	17.831	ng/ul	-0.01
49) Acenaphthylene-d8	14.321	160	197787	17.545	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	24661	14.162	ng/ul	-0.01
60) Fluorene-d10	15.615	176	153887	17.493	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	29194	14.175	ng/ul	0.00
73) Anthracene-d10	17.468	188	241383	17.608	ng/ul	0.00
81) Pyrene-d10	19.756	212	292774	18.329	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	312386	17.567	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	2530m	1.417	ng/uL	
5) Pyridine	3.822	79	22140	4.333	ng/ul#	80
6) Benzaldehyde	7.134	77	12588	6.199	ng/ul	94
8) Phenol	7.181	94	21305	4.088	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.410	93	17174	4.116	ng/ul	94
12) 2-Chlorophenol	7.551	128	15337	4.196	ng/ul	92
13) 2-Methylphenol	8.439	108	13805	3.709	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.522	45	26356	3.982	ng/ul	98
16) Acetophenone	8.828	105	25290	3.748	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.804	70	14681	4.039	ng/ul#	95
18) 4-Methylphenol	8.769	108	14848	3.667	ng/ul	93
19) Hexachloroethane	9.069	117	7266	4.269	ng/ul	94
22) Nitrobenzene	9.204	77	23277	4.389	ng/ul	94
23) Isophorone	9.733	82	36418	4.006	ng/ul	96
25) 2-Nitrophenol	9.922	139	7570	3.986	ng/ul#	88
26) 2,4-Dimethylphenol	9.975	107	17698	3.986	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.216	93	20501	3.941	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	14073	4.110	ng/ul	96
30) Naphthalene	10.857	128	44515	4.072	ng/ul	98
32) 4-Chloroaniline	10.975	127	18491	3.735	ng/ul	99
33) Hexachlorobutadiene	11.128	225	10673	4.187	ng/ul	94
34) Caprolactam	11.775	113	2887m	2.954	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	13748	3.773	ng/ul	96
36) 2-Methylnaphthalene	12.457	142	26936	3.780	ng/ul	98

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37) 1-Methylnaphthalene	12.674	142	26274	3.564	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.822	216	18278	4.047	ng/ul	97
40) Hexachlorocyclopentadiene	12.798	237	10559	3.311	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	11182	3.989	ng/ul	97
42) 2,4,5-Trichlorophenol	13.139	196	11318	3.768	ng/ul	96
43) 1,1'-Biphenyl	13.463	154	37729	3.908	ng/ul	95
44) 2-Chloronaphthalene	13.510	162	30760	3.902	ng/ul	97
45) 2-Nitroaniline	13.721	65	9377	3.556	ng/ul	94
47) Dimethylphthalate	14.080	163	39029	3.976	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	6404	3.426	ng/ul	96
50) Acenaphthylene	14.351	152	47726	3.991	ng/ul	97
51) 3-Nitroaniline	14.545	138	5537	3.217	ng/ul#	86
52) Acenaphthene	14.686	153	33347	3.941	ng/ul	97
53) 2,4-Dinitrophenol	14.751	184	5358	3.834	ng/ul	93
55) 4-Nitrophenol	14.839	109	6466	3.547	ng/ul	95
56) Dibenzofuran	15.021	168	47003	3.908	ng/ul	92
57) 2,4-Dinitrotoluene	14.998	165	9737	3.561	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	10216	3.807	ng/ul#	95
59) Diethylphthalate	15.433	149	39293	3.862	ng/ul	98
61) Fluorene	15.668	166	38142	3.694	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	20854	3.837	ng/ul	96
63) 4-Nitroaniline	15.704	138	5580m	3.388	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	8042	4.075	ng/ul#	98
67) N-Nitrosodiphenylamine	15.874	169	31039	3.831	ng/ul	97
68) 4-Bromophenyl-phenylether	16.557	248	11852	3.937	ng/ul	96
69) Hexachlorobenzene	16.668	284	14014	4.036	ng/ul	99
70) Atrazine	16.821	200	12175	3.635	ng/ul	99
71) Pentachlorophenol	17.021	266	8639	3.770	ng/ul	94
72) Phenanthrene	17.409	178	61119	3.942	ng/ul	98
74) Anthracene	17.498	178	62642	3.929	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	16367	3.816	ng/uL	96
76) Pentachlorobenzene	14.939	250	15240	3.688	ng/uL	89
77) Carbazole	17.774	167	48922	3.346	ng/ul	98
78) Di-n-butylphthalate	18.321	149	61113	3.499	ng/ul	99
80) Fluoranthene	19.421	202	70449	3.900	ng/ul	99
82) Pyrene	19.780	202	78748	4.000	ng/ul	98
83) Butylbenzylphthalate	20.668	149	26174	3.467	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	21486	3.589	ng/ul#	96
85) Benzo(a)anthracene	21.527	228	80599	3.945	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.439	149	40337	3.461	ng/ul	98
87) Chrysene	21.580	228	77623	3.955	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	73270	2.861	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	86631	3.824	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	85895	3.776	ng/ul	99
93) Benzo(a)pyrene	23.862	252	79128	3.860	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	105506	4.049	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	85248	3.921	ng/ul	99
96) Benzo(g,h,i)perylene	27.279	276	90211	4.229	ng/ul	96

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

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