Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010923\
Data File : BP013413.D
Acq On : 09 Jan 2023 10:57
Operator : CG/JU
Sample : N4239-02
Misc : SFAM-MDL-W-02-4PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 09 11:37:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 06 01:03:32 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2022-06

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023

Supervised By :mohammad ahmed 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	495755	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	2012947	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	1305160	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	2967342	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	3034036	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	3262332	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	52600	4.124	ng/uL	0.00
4) Pyridine-d5	3.740	84	453019	12.735	ng/ul	0.00
7) Phenol-d5	7.081	99	693440	16.857	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	481570	18.556	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	557113	18.160	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	541845	17.289	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	254424	17.751	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	280180	17.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	547677	17.516	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	742084	16.847	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1755428	18.461	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1868789	17.755	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	266653	15.320	ng/ul	0.00
60) Fluorene-d10	15.557	176	1525116	18.158	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	276323	14.686	ng/ul	0.00
73) Anthracene-d10	17.422	188	2329246	17.759	ng/ul	0.00
81) Pyrene-d10	19.657	212	2966350	17.970	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	2934530	18.313	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	17140	1.220	ng/uL	94
5) Pyridine	3.764	79	121664	3.382	ng/ul#	80
6) Benzaldehyde	7.058	77	84127	5.362	ng/ul	97
8) Phenol	7.105	94	166350	3.909	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.340	93	145211	4.315	ng/ul	97
12) 2-Chlorophenol	7.481	128	133279	4.170	ng/ul	97
13) 2-Methylphenol	8.363	108	109318	3.577	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.452	45	232110	4.470	ng/ul	99
16) Acetophenone	8.746	105	204458	4.133	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.728	70	100754	4.260	ng/ul	96
18) 4-Methylphenol	8.693	108	130600	3.887	ng/ul	97
19) Hexachloroethane	8.999	117	54830	4.258	ng/ul	93
22) Nitrobenzene	9.128	77	156101	4.173	ng/ul	99
23) Isophorone	9.658	82	253722	3.875	ng/ul	99
25) 2-Nitrophenol	9.840	139	69146	4.053	ng/ul	95
26) 2,4-Dimethylphenol	9.899	107	128636	3.615	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.140	93	186532	4.311	ng/ul	98
29) 2,4-Dichlorophenol	10.375	162	129733	4.147	ng/ul	95
30) Naphthalene	10.781	128	449047	4.193	ng/ul	99
32) 4-Chloroaniline	10.893	127	172189	3.888	ng/ul	96
33) Hexachlorobutadiene	11.063	225	94847	4.222	ng/ul	99
34) Caprolactam	11.699	113	33828	3.635	ng/ul	96
35) 4-Chloro-3-methylphenol	12.016	107	112781	3.736	ng/ul	100
36) 2-Methylnaphthalene	12.387	142	282679	4.128	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	252047	3.548	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.757	216	179139	4.004	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	91174	3.387	ng/ul	96
41) 2,4,6-Trichlorophenol	12.999	196	91384	3.472	ng/ul	97
42) 2,4,5-Trichlorophenol	13.069	196	100048	3.493	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	399494	4.032	ng/ul	99
44) 2-Chloronaphthalene	13.440	162	317068	3.965	ng/ul	99
45) 2-Nitroaniline	13.651	65	64027	3.309	ng/ul	94
47) Dimethylphthalate	14.016	163	401656	4.228	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	54091	3.288	ng/ul	95
50) Acenaphthylene	14.287	152	479351	4.132	ng/ul	100
51) 3-Nitroaniline	14.475	138	52786m	3.029	ng/ul	
52) Acenaphthene	14.628	153	334050	4.023	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	51920	4.240	ng/ul	98
55) 4-Nitrophenol	14.781	109	47717	3.607	ng/ul	98
56) Dibenzofuran	14.963	168	486011	4.076	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	85126	3.481	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.193	232	92176	3.689	ng/ul	98
59) Diethylphthalate	15.381	149	358997	4.037	ng/ul	98
61) Fluorene	15.616	166	397518	4.176	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.604	204	211040	4.246	ng/ul	96
63) 4-Nitroaniline	15.640	138	52808m	3.278	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.698	198	81354	4.381	ng/ul	96
67) N-Nitrosodiphenylamine	15.822	169	313392	3.905	ng/ul	98
68) 4-Bromophenyl-phenylether	16.504	248	122481	3.985	ng/ul	97
69) Hexachlorobenzene	16.622	284	148293	4.001	ng/ul	98
70) Atrazine	16.781	200	133094	4.338	ng/ul	99
71) Pentachlorophenol	16.975	266	80470m	3.648	ng/ul	
72) Phenanthrene	17.363	178	643131	4.077	ng/ul	100
74) Anthracene	17.457	178	606363	3.891	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	156257	3.487	ng/uL	99
76) Pentachlorobenzene	14.881	250	147656	3.384	ng/uL	98
77) Carbazole	17.728	167	493549	3.657	ng/ul	99
78) Di-n-butylphthalate	18.269	149	520366	3.931	ng/ul	100
80) Fluoranthene	19.328	202	736423	3.898	ng/ul	100
82) Pyrene	19.686	202	821399	4.103	ng/ul	99
83) Butylbenzylphthalate	20.551	149	216704	3.567	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.327	252	191317	3.422	ng/ul	98
85) Benzo(a)anthracene	21.398	228	788967	3.927	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	319539	3.776	ng/ul	100
87) Chrysene	21.451	228	794191	4.055	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	525254	3.756	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	856643	4.152	ng/ul	100
91) Benzo(k)fluoranthene	23.169	252	779128	3.958	ng/ul	99
93) Benzo(a)pyrene	23.763	252	777649	4.293	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.445	276	990848	3.948	ng/ul	100
95) Dibenzo(a,h)anthracene	26.462	278	827470	3.952	ng/ul	99
96) Benzo(g,h,i)perylene	27.239	276	795821	3.855	ng/ul	99

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

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