Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082322\
Data File : BP011537.D
Acq On : 23 Aug 2022 10:38
Operator : CG/JU
Sample : N3670-02
Misc : SFAM-MDL-WATER-4PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 23 11:08:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2022-04

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
08/23/2022
Supervised By :Sohil Jodhani
08/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	58763	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	250588	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.227	164	151103	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	304993	20.000	ng/ul	0.00
79) Chrysene-d12	21.127	240	290333	20.000	ng/ul	0.00
88) Perylene-d12	23.415	264	304713	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	9150	4.832	ng/uL	0.00
4) Pyridine-d5	3.475	84	99902	20.606	ng/ul	0.00
7) Phenol-d5	6.740	99	118717	21.984	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.904	67	79336	22.614	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	100251	25.241	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	95974	22.205	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	46698	25.885	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.434	143	48885	26.625	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	84369	24.894	ng/ul	0.00
31) 4-Chloroaniline-d4	10.492	131	130557	23.142	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	275124	25.743	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	336205	28.305	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	41711	20.257	ng/ul	0.00
60) Fluorene-d10	15.227	176	223779	24.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	35340	21.444	ng/ul	0.00
73) Anthracene-d10	17.098	188	347065	25.694	ng/ul	0.00
81) Pyrene-d10	19.357	212	383948	26.138	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.268	264	370559	25.000	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	2361	1.196	ng/uL#	80
5) Pyridine	3.499	79	21876	4.520	ng/ul#	70
6) Benzaldehyde	6.710	77	14328m	5.782	ng/ul	
8) Phenol	6.763	94	21708	3.912	ng/ul#	87
10) Bis(2-Chloroethyl)ether	6.993	93	18124	4.187	ng/ul	99
12) 2-Chlorophenol	7.116	128	19086	4.466	ng/ul	97
13) 2-Methylphenol	8.010	108	15352	3.755	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.093	45	28789	4.489	ng/ul	98
16) Acetophenone	8.387	105	28720	3.994	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.369	70	14406	4.028	ng/ul	91
18) 4-Methylphenol	8.334	108	18070	3.992	ng/ul	91
19) Hexachloroethane	8.616	117	8244	4.253	ng/ul	91
22) Nitrobenzene	8.757	77	23340	4.590	ng/ul	99
23) Isophorone	9.287	82	37425	4.193	ng/ul	99
25) 2-Nitrophenol	9.463	139	9354	4.465	ng/ul#	87
26) 2,4-Dimethylphenol	9.534	107	22539	4.531	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.775	93	24049	4.457	ng/ul	99
29) 2,4-Dichlorophenol	9.998	162	15576	4.491	ng/ul	93
30) Naphthalene	10.387	128	60723	4.589	ng/ul	99
32) 4-Chloroaniline	10.516	127	24430	4.180	ng/ul	98
33) Hexachlorobutadiene	10.669	225	10858	4.917	ng/ul	94
34) Caprolactam	11.339	113	5406m	4.299	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	17695	4.035	ng/ul	97
36) 2-Methylnaphthalene	12.016	142	37581	4.366	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.239	142	39721	4.550	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.392	216	18031	4.701	ng/ul	95
40) Hexachlorocyclopentadiene	12.363	237	12789	5.375	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.645	196	10681	4.327	ng/ul	93
42) 2,4,5-Trichlorophenol	12.716	196	11276	4.104	ng/ul	99
43) 1,1'-Biphenyl	13.051	154	51037	4.533	ng/ul	95
44) 2-Chloronaphthalene	13.086	162	38074	4.488	ng/ul	98
45) 2-Nitroaniline	13.316	65	9916	3.424	ng/ul	96
47) Dimethylphthalate	13.698	163	49964	4.523	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	7395	3.724	ng/ul	91
50) Acenaphthylene	13.945	152	64446	4.567	ng/ul	98
51) 3-Nitroaniline	14.157	138	6582	3.043	ng/ul#	97
52) Acenaphthene	14.286	153	42941	4.543	ng/ul	98
53) 2,4-Dinitrophenol	14.363	184	6051	4.978	ng/ul	90
55) 4-Nitrophenol	14.469	109	11016	4.490	ng/ul	92
56) Dibenzofuran	14.627	168	58335	4.476	ng/ul	98
57) 2,4-Dinitrotoluene	14.616	165	11989	4.033	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.863	232	9148	4.240	ng/ul	97
59) Diethylphthalate	15.075	149	53118	4.391	ng/ul	99
61) Fluorene	15.286	166	48744	4.571	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	22711	4.715	ng/ul	98
63) 4-Nitroaniline	15.327	138	8681m	4.155	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.380	198	8347	4.896	ng/ul#	72
67) N-Nitrosodiphenylamine	15.510	169	40743	4.553	ng/ul	97
68) 4-Bromophenyl-phenylether	16.192	248	12932	4.750	ng/ul	90
69) Hexachlorobenzene	16.292	284	14561	4.641	ng/ul	95
70) Atrazine	16.480	200	16218	4.857	ng/ul	96
71) Pentachlorophenol	16.645	266	9611	4.940	ng/ul	93
72) Phenanthrene	17.039	178	75870	4.596	ng/ul	99
74) Anthracene	17.133	178	77566	4.657	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.010	216	18866	4.812	ng/uL	99
76) Pentachlorobenzene	14.545	250	20355	5.472	ng/uL	96
77) Carbazole	17.416	167	63095	4.028	ng/ul	99
78) Di-n-butylphthalate	17.986	149	80238	4.159	ng/ul	98
80) Fluoranthene	19.033	202	81334	4.502	ng/ul	99
82) Pyrene	19.386	202	87657	4.618	ng/ul	97
83) Butylbenzylphthalate	20.286	149	33991	3.992	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.057	252	21371	3.888	ng/ul	99
85) Benzo(a)anthracene	21.109	228	80765	4.566	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.057	149	50739	4.027	ng/ul	99
87) Chrysene	21.162	228	81698	4.702	ng/ul	99
89) Di-n-octyl phthalate	21.945	149	84716	3.459	ng/ul	100
90) Benzo(b)fluoranthene	22.715	252	80888	4.267	ng/ul	99
91) Benzo(k)fluoranthene	22.762	252	78628	4.347	ng/ul	97
93) Benzo(a)pyrene	23.309	252	82418	4.454	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.768	276	92728	4.492	ng/ul	96
95) Dibenzo(a,h)anthracene	25.792	278	79087	4.450	ng/ul	98
96) Benzo(g,h,i)perylene	26.492	276	78807	4.488	ng/ul	98

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

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