Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120524\
Data File : BN035418.D
Acq On : 04 Dec 2024 11:03
Operator : RC/JU
Sample : P4776-02
Misc : MDL-WATER-QT4-2024
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2024-08

Quant Time: Dec 05 02:48:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	99012	20.000	ng/ul	0.00
20) Naphthalene-d8	10.046	136	415684	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	314055	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.728	188	717058	20.000	ng/ul	0.00
79) Chrysene-d12	20.974	240	752335	20.000	ng/ul	0.00
88) Perylene-d12	23.651	264	856329	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	7042	3.361	ng/uL	0.00
4) Pyridine-d5	3.340	84	72816	13.183	ng/ul	0.00
7) Phenol-d5	6.499	99	90006	12.760	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	52877	13.442	ng/ul	0.00
11) 2-Chlorophenol-d4	6.840	132	74849	12.522	ng/ul	0.00
15) 4-Methylphenol-d8	8.010	113	74543	12.127	ng/ul	0.00
21) Nitrobenzene-d5	8.440	128	34286	12.695	ng/ul	0.00
24) 2-Nitrophenol-d4	9.152	143	39269	12.562	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	85611	12.531	ng/ul	0.00
31) 4-Chloroaniline-d4	10.199	131	107747	12.772	ng/ul	0.00
46) Dimethylphthalate-d6	13.387	166	295217	13.091	ng/ul	0.00
49) Acenaphthylene-d8	13.645	160	326189	13.135	ng/ul	0.00
54) 4-Nitrophenol-d4	14.192	143	44518	11.989	ng/ul	0.00
60) Fluorene-d10	14.963	176	262823	13.496	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.098	200	41006	10.843	ng/ul	0.00
73) Anthracene-d10	16.822	188	421540	13.329	ng/ul	0.00
81) Pyrene-d10	19.145	212	526882	13.260	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.468	264	555047	13.385	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.999	88	2937	1.250	ng/uL	95
5) Pyridine	3.364	79	23765	4.291	ng/ul	95
6) Benzaldehyde	6.463	77	18395	4.835	ng/ul	92
8) Phenol	6.528	94	31725	4.343	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.752	93	25136	4.395	ng/ul	98
12) 2-Chlorophenol	6.869	128	26615	4.279	ng/ul	95
13) 2-Methylphenol	7.752	108	22707	4.003	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.828	45	19107	4.227	ng/ul	99
16) Acetophenone	8.110	105	44554	4.590	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.104	70	18756	4.064	ng/ul	98
18) 4-Methylphenol	8.075	108	26551	4.213	ng/ul	93
19) Hexachloroethane	8.352	117	10964	4.126	ng/ul	89
22) Nitrobenzene	8.481	77	29808	4.394	ng/ul	100
23) Isophorone	9.004	82	53815	3.959	ng/ul	98
25) 2-Nitrophenol	9.181	139	14582	4.117	ng/ul	98
26) 2,4-Dimethylphenol	9.257	107	21940	3.091	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.493	93	34549	4.172	ng/ul	98
29) 2,4-Dichlorophenol	9.710	162	29824	4.314	ng/ul	99
30) Naphthalene	10.099	128	93575	4.429	ng/ul	99
32) 4-Chloroaniline	10.222	127	35071	4.340	ng/ul	98
33) Hexachlorobutadiene	10.393	225	21320	4.370	ng/ul	98
34) Caprolactam	10.987	113	7295m	3.652	ng/ul	
35) 4-Chloro-3-methylphenol	11.357	107	27629	3.837	ng/ul	97
36) 2-Methylnaphthalene	11.722	142	67901	4.316	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.951	142	63377	3.930	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.110	216	42318	4.572	ng/ul	96
40) Hexachlorocyclopentadiene	12.093	237	19283	4.147	ng/ul	97
41) 2,4,6-Trichlorophenol	12.363	196	24543	4.089	ng/ul	92
42) 2,4,5-Trichlorophenol	12.434	196	27388	4.096	ng/ul	96
43) 1,1'-Biphenyl	12.775	154	95562	4.409	ng/ul	98
44) 2-Chloronaphthalene	12.810	162	78529	4.530	ng/ul	98
45) 2-Nitroaniline	13.028	65	11631	3.413	ng/ul	98
47) Dimethylphthalate	13.434	163	99291	4.401	ng/ul	99
48) 2,6-Dinitrotoluene	13.545	165	12820	3.410	ng/ul	92
50) Acenaphthylene	13.669	152	119551	4.529	ng/ul	100
51) 3-Nitroaniline	13.875	138	12975	3.332	ng/ul#	83
52) Acenaphthene	14.022	153	85528	4.502	ng/ul	95
53) 2,4-Dinitrophenol	14.087	184	13536	5.154	ng/ul	96
55) 4-Nitrophenol	14.204	109	15095	4.304	ng/ul	91
56) Dibenzofuran	14.363	168	123550	4.574	ng/ul	97
57) 2,4-Dinitrotoluene	14.345	165	22769	3.816	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.598	232	23632	4.057	ng/ul	97
59) Diethylphthalate	14.828	149	90819	4.119	ng/ul	100
61) Fluorene	15.022	166	100892	4.636	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.034	204	52784	4.747	ng/ul	96
63) 4-Nitroaniline	15.051	138	14266	3.777	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.116	198	18302	4.467	ng/ul	98
67) N-Nitrosodiphenylamine	15.251	169	82371	4.324	ng/ul	98
68) 4-Bromophenyl-phenylether	15.928	248	31556	4.352	ng/ul	97
69) Hexachlorobenzene	16.034	284	39116	4.544	ng/ul	97
70) Atrazine	16.222	200	30167	4.434	ng/ul	97
71) Pentachlorophenol	16.381	266	32198	5.892	ng/ul	89
72) Phenanthrene	16.769	178	173862	4.709	ng/ul	97
74) Anthracene	16.857	178	165644	4.444	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.734	216	38389	4.038	ng/uL	99
76) Pentachlorobenzene	14.281	250	38547	3.938	ng/uL	98
77) Carbazole	17.139	167	148754	4.796	ng/ul	98
78) Di-n-butylphthalate	17.733	149	151538	4.197	ng/ul	100
80) Fluoranthene	18.804	202	209130	4.484	ng/ul	98
82) Pyrene	19.175	202	235996	4.719	ng/ul	98
83) Butylbenzylphthalate	20.127	149	54953	3.898	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.910	252	41715m	3.110	ng/ul	
85) Benzo(a)anthracene	20.963	228	231929	4.592	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	20.939	149	86314	3.883	ng/ul	98
87) Chrysene	21.016	228	230586	4.738	ng/ul	98
89) Di-n-octyl phthalate	21.963	149	134202	3.448	ng/ul	100
90) Benzo(b)fluoranthene	22.816	252	217691	4.410	ng/ul	97
91) Benzo(k)fluoranthene	22.868	252	223445	4.421	ng/ul	98
93) Benzo(a)pyrene	23.521	252	196357	4.239	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.580	276	216776	3.923	ng/ul	99
95) Dibenzo(a,h)anthracene	26.639	278	179255m	4.004	ng/ul	
96) Benzo(g,h,i)perylene	27.498	276	170303m	4.061	ng/ul	

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

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