Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112520\
Data File : BN012741.D
Acq On : 25 Nov 2020 20:55
Operator : CG/JU
Sample : L4485-09
Misc : MDL-WATER-02
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 26 01:47:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 18:19:04 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-02

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11/27/2020 11:46:36 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	100988	20.00	ng/ul	0.00
20) Naphthalene-d8	10.19	136	422156	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.08	164	279876	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.84	188	598133	20.00	ng/ul	0.00
79) Chrysene-d12	21.06	240	641330	20.00	ng/ul	0.00
88) Perylene-d12	23.16	264	729977	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	14986	5.34	ng/uL	0.00
4) Pyridine-d5	3.36	84	204151	26.94	ng/ul	0.00
7) Phenol-d5	6.61	99	338591	37.45	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.78	67	225038	39.91	ng/ul	0.00
11) 2-Chlorophenol-d4	6.96	132	271683	38.22	ng/ul	0.00
15) 4-Methylphenol-d8	8.13	113	281155	38.18	ng/ul	0.00
21) Nitrobenzene-d5	8.58	128	135330	40.06	ng/ul	0.00
24) 2-Nitrophenol-d4	9.29	143	151103	40.52	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.82	165	268054	37.84	ng/ul	0.00
31) 4-Chloroaniline-d4	10.34	131	348032	35.12	ng/ul	0.00
46) Dimethylphthalate-d6	13.50	166	868509	38.16	ng/ul	0.00
49) Acenaphthylene-d8	13.77	160	1070445	40.31	ng/ul	0.00
54) 4-Nitrophenol-d4	14.30	143	140559	34.92	ng/ul	0.00
60) Fluorene-d10	15.09	176	728206	37.90	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.22	200	143977	35.21	ng/ul	0.00
73) Anthracene-d10	16.94	188	1138747	38.10	ng/ul	0.00
81) Pyrene-d10	19.25	212	1295807	40.53	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.04	264	1411740	35.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	2182	0.748	ng/uL#	93
5) Pyridine	3.39	79	26595	3.406	ng/ul#	23
6) Benzaldehyde	6.58	77	21467	5.292	ng/ul	91
8) Phenol	6.63	94	28974	3.071	ng/ul	90
10) Bis(2-Chloroethyl)ether	6.87	93	23556	3.140	ng/ul	99
12) 2-Chlorophenol	6.99	128	22006	3.007	ng/ul	98
13) 2-Methylphenol	7.88	108	18391	2.621	ng/ul	87
14) 2,2'-oxybis(1-Chloropropan	7.95	45	33407	3.159	ng/ul#	94
16) Acetophenone	8.25	105	35614	2.913	ng/ul	94
17) N-Nitroso-di-n-propylamine	8.23	70	18354	2.895	ng/ul	95
18) 4-Methylphenol	8.20	108	22776	2.981	ng/ul	89
19) Hexachloroethane	8.48	117	10735	3.052	ng/ul	93
22) Nitrobenzene	8.62	77	31053	3.172	ng/ul	98
23) Isophorone	9.14	82	52641	3.067	ng/ul	99
25) 2-Nitrophenol	9.32	139	12478	3.066	ng/ul	94
26) 2,4-Dimethylphenol	9.39	107	25920	2.944	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.63	93	27960	2.828	ng/ul	93
29) 2,4-Dichlorophenol	9.84	162	20774	2.972	ng/ul#	81
30) Naphthalene	10.23	128	75426	3.144	ng/ul	96
32) 4-Chloroaniline	10.36	127	28923	2.995	ng/ul	94
33) Hexachlorobutadiene	10.52	225	14217	2.990	ng/ul	95
34) Caprolactam	11.17	113	5347m	2.345	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.49	107	20530	2.559	ng/ul	95
36) 2-Methylnaphthalene	11.86	142	50196	2.966	ng/ul	99
37) 1-Methylnaphthalene	12.09	142	47711	2.925	ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	12.25	216	26488	3.008	ng/ul	94
40) Hexachlorocyclopentadiene	12.22	237	12216	2.275	ng/ul	97
41) 2,4,6-Trichlorophenol	12.50	196	13915	2.481	ng/ul#	79
42) 2,4,5-Trichlorophenol	12.56	196	15484	2.533	ng/ul	90
43) 1,1'-Biphenyl	12.90	154	67209	2.960	ng/ul	96
44) 2-Chloronaphthalene	12.94	162	52201	2.909	ng/ul	95
45) 2-Nitroaniline	13.16	65	13827	2.352	ng/ul	95
47) Dimethylphthalate	13.55	163	71132	3.053	ng/ul#	95
48) 2,6-Dinitrotoluene	13.67	165	12110	2.627	ng/ul	98
50) Acenaphthylene	13.80	152	85053	3.118	ng/ul	95
51) 3-Nitroaniline	14.00	138	9532	2.531	ng/ul	94
52) Acenaphthene	14.15	153	60234	3.015	ng/ul	93
53) 2,4-Dinitrophenol	14.22	184	4007	1.407	ng/ul	90
55) 4-Nitrophenol	14.32	109	13089	3.112	ng/ul#	81
56) Dibenzofuran	14.49	168	81537	2.953	ng/ul	93
57) 2,4-Dinitrotoluene	14.47	165	16993	2.529	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.72	232	13838	2.613	ng/ul#	91
59) Diethylphthalate	14.93	149	71430	2.953	ng/ul	96
61) Fluorene	15.14	166	70502	3.021	ng/ul	90
62) 4-Chlorophenyl-phenylether	15.14	204	34033	3.062	ng/ul	96
63) 4-Nitroaniline	15.18	138	10304m	2.705	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.23	198	13738	3.113	ng/ul#	61
67) N-Nitrosodiphenylamine	15.36	169	54471	2.928	ng/ul	91
68) 4-Bromophenyl-phenylether	16.04	248	19829	2.937	ng/ul	96
69) Hexachlorobenzene	16.15	284	25748	3.249	ng/ul	91
70) Atrazine	16.32	200	17784	2.447	ng/ul#	89
71) Pentachlorophenol	16.49	266	10385	2.136	ng/ul	98
72) Phenanthrene	16.88	178	109399	3.000	ng/ul	97
74) Anthracene	16.97	178	118000	3.191	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	12.86	216	26193	3.058	ng/uL	91
76) Pentachlorobenzene	14.40	250	27458	3.029	ng/uL	99
77) Carbazole	17.25	167	89111	2.744	ng/ul	98
78) Di-n-butylphthalate	17.83	149	107620	2.604	ng/ul	98
80) Fluoranthene	18.91	202	121969	2.910	ng/ul	98
82) Pyrene	19.27	202	143511	3.261	ng/ul	98
83) Butylbenzylphthalate	20.21	149	45855	2.449	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.99	252	39140	2.606	ng/ul	95
85) Benzo(a)anthracene	21.04	228	128230	2.993	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	20.99	149	73770	2.433	ng/ul	96
87) Chrysene	21.09	228	126537	3.035	ng/ul	97
89) Di-n-octyl phthalate	21.85	149	121762	2.142	ng/ul	100
90) Benzo(b)fluoranthene	22.54	252	137039	2.888	ng/ul	96
91) Benzo(k)fluoranthene	22.58	252	136431	2.864	ng/ul	98
93) Benzo(a)pyrene	23.07	252	131670	2.982	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	25.24	276	165233	2.930	ng/ul	97
95) Dibenzo(a,h)anthracene	25.25	278	139396	2.928	ng/ul	99
96) Benzo(g,h,i)perylene	25.87	276	138857	2.980	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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