Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120120\
Data File : BN012771.D
Acq On : 30 Nov 2020 18:44
Operator : CG/JU
Sample : L4485-14
Misc : MDL-WATER-07
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-07

Manual Integrations APPROVED
mohammad
12/1/2020 10:44:05 AM

Quant Time: Dec 01 01:15:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 30 17:13:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	114743	20.00	ng/ul	0.00
20) Naphthalene-d8	10.19	136	477521	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.08	164	322403	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.83	188	692405	20.00	ng/ul	0.00
79) Chrysene-d12	21.06	240	748686	20.00	ng/ul	0.00
88) Perylene-d12	23.17	264	827081	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	14011	4.40	ng/uL	0.00
4) Pyridine-d5	3.36	84	192804	22.39	ng/ul	0.00
7) Phenol-d5	6.61	99	335555	32.67	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.77	67	222464	34.72	ng/ul	0.00
11) 2-Chlorophenol-d4	6.95	132	275412	34.10	ng/ul	0.00
15) 4-Methylphenol-d8	8.13	113	283194	33.85	ng/ul	0.00
21) Nitrobenzene-d5	8.57	128	131539	34.42	ng/ul	0.00
24) 2-Nitrophenol-d4	9.28	143	148655	35.24	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.81	165	266162	33.22	ng/ul	0.00
31) 4-Chloroaniline-d4	10.33	131	356465	31.80	ng/ul	0.00
46) Dimethylphthalate-d6	13.50	166	915338	34.92	ng/ul	0.00
49) Acenaphthylene-d8	13.77	160	1087998	35.57	ng/ul	0.00
54) 4-Nitrophenol-d4	14.30	143	140779	30.36	ng/ul	0.00
60) Fluorene-d10	15.08	176	767383	34.67	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.22	200	143211	30.25	ng/ul	0.00
73) Anthracene-d10	16.93	188	1197230	34.60	ng/ul	0.00
81) Pyrene-d10	19.25	212	1325196	35.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.04	264	1404582	31.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	3221	0.972	ng/uL#	76
5) Pyridine	3.39	79	25734	2.901	ng/ul#	27
6) Benzaldehyde	6.58	77	23090	5.010	ng/ul	96
8) Phenol	6.63	94	30176	2.815	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.86	93	25486	2.990	ng/ul	98
12) 2-Chlorophenol	6.99	128	23334	2.807	ng/ul	92
13) 2-Methylphenol	7.87	108	20949	2.628	ng/ul	91
14) 2,2'-oxybis(1-Chloropropan	7.96	45	34843m	2.899	ng/ul	
16) Acetophenone	8.25	105	38615	2.779	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.23	70	21862	3.035	ng/ul#	94
18) 4-Methylphenol	8.19	108	22531	2.595	ng/ul	98
19) Hexachloroethane	8.48	117	11672	2.920	ng/ul#	88
22) Nitrobenzene	8.61	77	34292	3.096	ng/ul	93
23) Isophorone	9.13	82	54666	2.816	ng/ul	97
25) 2-Nitrophenol	9.31	139	13838	3.006	ng/ul	97
26) 2,4-Dimethylphenol	9.38	107	29872	3.000	ng/ul	91
27) Bis(2-Chloroethoxy)methane	9.62	93	30475	2.725	ng/ul#	99
29) 2,4-Dichlorophenol	9.84	162	22753	2.878	ng/ul	92
30) Naphthalene	10.23	128	80560	2.968	ng/ul	97
32) 4-Chloroaniline	10.35	127	33356	3.054	ng/ul	93
33) Hexachlorobutadiene	10.52	225	15884	2.953	ng/ul	98
34) Caprolactam	11.16	113	5656m	2.193	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.49	107	22950	2.529	ng/ul#	92
36) 2-Methylnaphthalene	11.86	142	52709	2.754	ng/ul	95
37) 1-Methylnaphthalene	12.08	142	53225	2.884	ng/ul	87
39) 1,2,4,5-Tetrachlorobenzene	12.24	216	28001	2.760	ng/ul	92
40) Hexachlorocyclopentadiene	12.22	237	12489	2.019	ng/ul	96
41) 2,4,6-Trichlorophenol	12.50	196	15537	2.405	ng/ul	94
42) 2,4,5-Trichlorophenol	12.56	196	16970	2.410	ng/ul	90
43) 1,1'-Biphenyl	12.90	154	74245	2.838	ng/ul	98
44) 2-Chloronaphthalene	12.94	162	58726	2.841	ng/ul	95
45) 2-Nitroaniline	13.16	65	15842	2.340	ng/ul	93
47) Dimethylphthalate	13.55	163	80071	2.983	ng/ul#	99
48) 2,6-Dinitrotoluene	13.67	165	12993	2.446	ng/ul	93
50) Acenaphthylene	13.80	152	91258	2.904	ng/ul#	96
51) 3-Nitroaniline	14.00	138	10915	2.516	ng/ul	94
52) Acenaphthene	14.15	153	64499	2.803	ng/ul	99
53) 2,4-Dinitrophenol	14.22	184	3884	1.184	ng/ul#	85
55) 4-Nitrophenol	14.32	109	14235	2.938	ng/ul	94
56) Dibenzofuran	14.49	168	89688	2.819	ng/ul	93
57) 2,4-Dinitrotoluene	14.47	165	20261	2.617	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.72	232	15965	2.617	ng/ul#	94
59) Diethylphthalate	14.93	149	78441	2.815	ng/ul	99
61) Fluorene	15.14	166	75581	2.811	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.14	204	37438	2.924	ng/ul	95
63) 4-Nitroaniline	15.17	138	10261m	2.339	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.23	198	14139	2.767	ng/ul#	82
67) N-Nitrosodiphenylamine	15.36	169	59598	2.767	ng/ul	93
68) 4-Bromophenyl-phenylether	16.04	248	22753	2.911	ng/ul	89
69) Hexachlorobenzene	16.14	284	27645	3.014	ng/ul	98
70) Atrazine	16.32	200	20201	2.401	ng/ul	96
71) Pentachlorophenol	16.49	266	12110	2.152	ng/ul	97
72) Phenanthrene	16.87	178	122068	2.891	ng/ul	98
74) Anthracene	16.97	178	129795	3.032	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	12.86	216	27785	2.802	ng/uL	96
76) Pentachlorobenzene	14.40	250	28771	2.742	ng/uL	100
77) Carbazole	17.25	167	97012	2.580	ng/ul	96
78) Di-n-butylphthalate	17.82	149	117278	2.452	ng/ul	99
80) Fluoranthene	18.91	202	133031	2.719	ng/ul#	96
82) Pyrene	19.27	202	152854	2.976	ng/ul	99
83) Butylbenzylphthalate	20.20	149	49737	2.275	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.99	252	37217	2.122	ng/ul	91
85) Benzo(a)anthracene	21.04	228	138036	2.760	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	20.99	149	76182	2.153	ng/ul	99
87) Chrysene	21.09	228	143639	2.951	ng/ul	99
89) Di-n-octyl phthalate	21.85	149	130333	2.023	ng/ul	100
90) Benzo(b)fluoranthene	22.54	252	151333m	2.815	ng/ul	
91) Benzo(k)fluoranthene	22.58	252	150789	2.794	ng/ul	99
93) Benzo(a)pyrene	23.07	252	139970	2.798	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.23	276	176980	2.770	ng/ul	96
95) Dibenzo(a,h)anthracene	25.25	278	148899	2.760	ng/ul	99
96) Benzo(g,h,i)perylene	25.87	276	151293	2.866	ng/ul	97

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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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