Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120820\
Data File : BP004199.D
Acq On : 08 Dec 2020 14:39
Operator : CG/JU
Sample : L4485-14
Misc : MDL-WATER-07
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-07

Quant Time: Dec 08 15:15:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 06:09:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	444046	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1861837	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1150141	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.25	188	2439396	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2473005	20.00	ng/ul	-0.01
88) Perylene-d12	23.70	264	2571812	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	55279	4.78	ng/uL	0.00
4) Pyridine-d5	3.74	84	820605	24.99	ng/ul	0.00
7) Phenol-d5	7.00	99	1296179	32.65	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	858181	37.40	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	1005482	32.55	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	1046611	33.46	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	546478	36.00	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	461119	33.27	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.25	165	958319	31.42	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.77	131	1439939	32.17	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	3135108	34.32	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	4088830	36.43	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	447106	29.90	ng/ul	-0.01
60) Fluorene-d10	15.49	176	2696460	33.76	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	303114	30.58	ng/ul	-0.01
73) Anthracene-d10	17.35	188	4087520	34.09	ng/ul	0.00
81) Pyrene-d10	19.59	212	4581573	35.22	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.56	264	4439029	32.13	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	9625	0.768	ng/uL#	79
5) Pyridine	3.76	79	108504	3.268	ng/ul#	46
6) Benzaldehyde	6.98	77	93175	5.282	ng/ul	97
8) Phenol	7.03	94	120163	2.958	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.27	93	108967	3.343	ng/ul	99
12) 2-Chlorophenol	7.40	128	91279	2.923	ng/ul	99
13) 2-Methylphenol	8.28	108	77898	2.520	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.38	45	130169	3.352	ng/ul	96
16) Acetophenone	8.66	105	152134	3.140	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.65	70	73122	2.873	ng/ul	97
18) 4-Methylphenol	8.60	108	93624	2.842	ng/ul	95
19) Hexachloroethane	8.93	117	41041	3.069	ng/ul	92
22) Nitrobenzene	9.04	77	118157	3.194	ng/ul	96
23) Isophorone	9.56	82	195290	2.613	ng/ul	98
25) 2-Nitrophenol	9.75	139	44669	3.008	ng/ul	95
26) 2,4-Dimethylphenol	9.81	107	95683	2.657	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.05	93	136897	3.078	ng/ul	98
29) 2,4-Dichlorophenol	10.28	162	84941	2.883	ng/ul#	88
30) Naphthalene	10.69	128	331537	3.185	ng/ul	100
32) 4-Chloroaniline	10.79	127	130302	3.049	ng/ul	100
33) Hexachlorobutadiene	10.98	225	65722	3.108	ng/ul	97
34) Caprolactam	11.57	113	17499	1.610	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	67772	2.072	ng/ul	92
36) 2-Methylnaphthalene	12.30	142	225028	3.069	ng/ul	99
37) 1-Methylnaphthalene	12.52	142	215588	3.058	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	124214	3.216	ng/ul	97
40) Hexachlorocyclopentadiene	12.66	237	55585	2.302	ng/ul	94
41) 2,4,6-Trichlorophenol	12.91	196	46750	2.102	ng/ul	96
42) 2,4,5-Trichlorophenol	12.97	196	50874	2.124	ng/ul	99
43) 1,1'-Biphenyl	13.32	154	299477	3.256	ng/ul	98
44) 2-Chloronaphthalene	13.36	162	237324	3.254	ng/ul	99
45) 2-Nitroaniline	13.56	65	40150	2.242	ng/ul	96
47) Dimethylphthalate	13.95	163	282203	3.043	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	39632	2.355	ng/ul	91
50) Acenaphthylene	14.21	152	353516	3.178	ng/ul	99
51) 3-Nitroaniline	14.39	138	39304	2.502	ng/ul	97
52) Acenaphthene	14.55	153	245210	3.125	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	9556	1.473	ng/ul	93
55) 4-Nitrophenol	14.69	109	31947	2.841	ng/ul	89
56) Dibenzofuran	14.89	168	351423	3.231	ng/ul	100
57) 2,4-Dinitrotoluene	14.85	165	60140	2.616	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.11	232	42345	2.167	ng/ul#	93
59) Diethylphthalate	15.32	149	248699	2.657	ng/ul	99
61) Fluorene	15.54	166	284056	3.147	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.54	204	146298	3.107	ng/ul	99
63) 4-Nitroaniline	15.55	138	44595	3.003	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.61	198	32027	2.896	ng/ul#	77
67) N-Nitrosodiphenylamine	15.75	169	222627	2.966	ng/ul	99
68) 4-Bromophenyl-phenylether	16.44	248	82357	2.821	ng/ul	97
69) Hexachlorobenzene	16.55	284	103016	3.164	ng/ul	99
70) Atrazine	16.70	200	60818	2.074	ng/ul	98
71) Pentachlorophenol	16.89	266	27153	1.746	ng/ul	88
72) Phenanthrene	17.29	178	449420	3.203	ng/ul	99
74) Anthracene	17.38	178	449284	3.143	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	122272	3.302	ng/uL	99
76) Pentachlorobenzene	14.81	250	120970	3.232	ng/uL	97
77) Carbazole	17.65	167	330819	2.725	ng/ul	99
78) Di-n-butylphthalate	18.22	149	312399	1.974	ng/ul	99
80) Fluoranthene	19.26	202	471176	2.860	ng/ul	99
82) Pyrene	19.62	202	548838	3.280	ng/ul	99
83) Butylbenzylphthalate	20.50	149	90943	1.338	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	78726	1.403	ng/ul	96
85) Benzo(a)anthracene	21.33	228	487161	2.928	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	149933	1.462	ng/ul	99
87) Chrysene	21.38	228	505700	3.174	ng/ul	99
89) Di-n-octyl phthalate	22.18	149	216097	1.406	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	455646	2.751	ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	497743	3.103	ng/ul	99
93) Benzo(a)pyrene	23.60	252	467178	3.072	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.13	276	518526	2.662	ng/ul	99
95) Dibenzo(a,h)anthracene	26.15	278	438846	2.699	ng/ul	98
96) Benzo(g,h,i)perylene	26.87	276	419734	2.568	ng/ul	99

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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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