Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120520\
Data File : BP004164.D
Acq On : 05 Dec 2020 16:30
Operator : CG/JU
Sample : L4485-09
Misc : MDL-WATER-02
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
mohammad
12/7/2020 2:06:05 PM

Quant Time: Dec 07 07:28:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 01:39:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	429742	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1786952	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	1131433	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2501129	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2626831	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2794506	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	59281	5.30	ng/uL	0.00
4) Pyridine-d5	3.74	84	800345	25.19	ng/ul	0.00
7) Phenol-d5	7.00	99	1271655	33.10	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	800814	36.06	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	980833	32.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	1001944	33.10	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	503070	34.53	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	435018	32.70	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	919030	31.40	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	1365236	31.78	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	3053762	33.99	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	3840325	34.78	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	456989	31.07	ng/ul	0.00
60) Fluorene-d10	15.49	176	2553378	32.49	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	290553	28.59	ng/ul	0.00
73) Anthracene-d10	17.35	188	3990175	32.46	ng/ul	0.00
81) Pyrene-d10	19.59	212	4584907	33.18	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4713954	31.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	8429	0.695	ng/uL	90
5) Pyridine	3.76	79	98502	3.066	ng/ul#	64
6) Benzaldehyde	6.99	77	82652	4.841	ng/ul	92
8) Phenol	7.03	94	108539	2.761	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.27	93	94637	3.000	ng/ul	97
12) 2-Chlorophenol	7.41	128	81815	2.707	ng/ul	99
13) 2-Methylphenol	8.28	108	76079	2.543	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.38	45	113838	3.029	ng/ul	96
16) Acetophenone	8.66	105	134865	2.876	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.65	70	68143	2.767	ng/ul	98
18) 4-Methylphenol	8.60	108	82795	2.597	ng/ul	99
19) Hexachloroethane	8.93	117	36573	2.826	ng/ul	95
22) Nitrobenzene	9.04	77	102901	2.898	ng/ul	97
23) Isophorone	9.57	82	189692	2.644	ng/ul	99
25) 2-Nitrophenol	9.75	139	40081	2.812	ng/ul	99
26) 2,4-Dimethylphenol	9.81	107	91149	2.637	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.06	93	118930	2.786	ng/ul	97
29) 2,4-Dichlorophenol	10.28	162	76756	2.714	ng/ul#	81
30) Naphthalene	10.69	128	283798	2.840	ng/ul	99
32) 4-Chloroaniline	10.80	127	112858	2.751	ng/ul	95
33) Hexachlorobutadiene	10.99	225	55032	2.712	ng/ul	98
34) Caprolactam	11.58	113	22223	2.130	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	70475	2.245	ng/ul	99
36) 2-Methylnaphthalene	12.31	142	195135	2.773	ng/ul	99
37) 1-Methylnaphthalene	12.53	142	188110	2.780	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	106155	2.794	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	52939	2.229	ng/ul	98
41) 2,4,6-Trichlorophenol	12.92	196	48229	2.204	ng/ul	92
42) 2,4,5-Trichlorophenol	12.98	196	54265	2.303	ng/ul	97
43) 1,1'-Biphenyl	13.32	154	261984	2.895	ng/ul	97
44) 2-Chloronaphthalene	13.36	162	204233	2.847	ng/ul	99
45) 2-Nitroaniline	13.56	65	41743	2.370	ng/ul	97
47) Dimethylphthalate	13.95	163	254239	2.787	ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	37502	2.265	ng/ul	92
50) Acenaphthylene	14.21	152	307547	2.811	ng/ul	99
51) 3-Nitroaniline	14.39	138	39012	2.525	ng/ul	92
52) Acenaphthene	14.56	153	214861	2.783	ng/ul	100
53) 2,4-Dinitrophenol	14.59	184	9348	1.465	ng/ul	95
55) 4-Nitrophenol	14.69	109	31071m	2.809	ng/ul	
56) Dibenzofuran	14.89	168	306607	2.865	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	55408	2.450	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	43819	2.280	ng/ul#	95
59) Diethylphthalate	15.32	149	245578	2.667	ng/ul	100
61) Fluorene	15.55	166	252477	2.844	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.55	204	128914	2.783	ng/ul	99
63) 4-Nitroaniline	15.55	138	42431	2.905	ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.62	198	28561	2.518	ng/ul#	79
67) N-Nitrosodiphenylamine	15.76	169	207516	2.696	ng/ul	97
68) 4-Bromophenyl-phenylether	16.45	248	78816	2.633	ng/ul	97
69) Hexachlorobenzene	16.55	284	92967	2.785	ng/ul	98
70) Atrazine	16.71	200	69784	2.321	ng/ul	98
71) Pentachlorophenol	16.89	266	29800	1.869	ng/ul	99
72) Phenanthrene	17.29	178	402160	2.795	ng/ul	99
74) Anthracene	17.39	178	414341	2.827	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	105225	2.771	ng/uL	95
76) Pentachlorobenzene	14.81	250	106527	2.776	ng/uL	98
77) Carbazole	17.65	167	341611	2.744	ng/ul	98
78) Di-n-butylphthalate	18.22	149	376408	2.320	ng/ul	99
80) Fluoranthene	19.27	202	470649	2.690	ng/ul	99
82) Pyrene	19.62	202	511402	2.877	ng/ul	97
83) Butylbenzylphthalate	20.50	149	128271	1.776	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.26	252	124138	2.083	ng/ul	99
85) Benzo(a)anthracene	21.33	228	497448	2.815	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.27	149	223590	2.052	ng/ul	99
87) Chrysene	21.38	228	488115	2.884	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	323769	1.939	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	495162	2.752	ng/ul	99
91) Benzo(k)fluoranthene	23.04	252	487398	2.796	ng/ul	98
93) Benzo(a)pyrene	23.60	252	466832	2.825	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.13	276	540815	2.555	ng/ul	98
95) Dibenzo(a,h)anthracene	26.16	278	464634	2.630	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	452143	2.546	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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