Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012621\
Data File : BP004627.D
Acq On : 26 Jan 2021 10:25
Operator : CG/JU
Sample : L5214-02
Misc : SFAM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT1-2021-02

Manual Integrations APPROVED
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Quant Time: Jan 26 11:04:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 22 16:21:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	37626	20.00	ng/ul	0.00
20) Naphthalene-d8	10.587	136	136832	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	124237	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.192	188	317424	20.00	ng/ul	-0.01
79) Chrysene-d12	21.274	240	356821	20.00	ng/ul	-0.02
88) Perylene-d12	23.598	264	331696	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	3174	4.08	ng/uL	0.00
4) Pyridine-d5	3.687	84	41325	19.68	ng/ul	-0.01
7) Phenol-d5	6.958	99	104945	35.75	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	63410	39.14	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	78222	34.84	ng/ul	-0.01
15) 4-Methylphenol-d8	8.499	113	85615	35.44	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	37769	34.91	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	47540	33.67	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	103545	34.40	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.722	131	111239	34.62	ng/ul	-0.01
46) Dimethylphthalate-d6	13.851	166	359038	33.99	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	421012	34.91	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	52570	32.57	ng/ul	0.00
60) Fluorene-d10	15.439	176	349135	37.39	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	69402	30.16	ng/ul	-0.01
73) Anthracene-d10	17.292	188	576940	36.16	ng/ul	-0.01
81) Pyrene-d10	19.533	212	708586	35.02	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.451	264	682357	36.94	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	1152	1.42	ng/uL	97
5) Pyridine	3.711	79	7606	3.59	ng/ul#	14
6) Benzaldehyde	6.934	77	7195	5.17	ng/ul	93
8) Phenol	6.981	94	12537	4.20	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	9990	4.41	ng/ul	97
12) 2-Chlorophenol	7.357	128	9438	4.23	ng/ul	96
13) 2-Methylphenol	8.234	108	8992	3.83	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.328	45	10158	4.45	ng/ul#	95
16) Acetophenone	8.616	105	16668	4.19	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.604	70	8569	4.06	ng/ul#	94
18) 4-Methylphenol	8.557	108	10066	3.97	ng/ul	95
19) Hexachloroethane	8.875	117	4310	3.76	ng/ul#	75
22) Nitrobenzene	8.993	77	14725	4.53	ng/ul	98
23) Isophorone	9.522	82	23054	3.89	ng/ul	96
25) 2-Nitrophenol	9.704	139	5295	3.82	ng/ul	88
26) 2,4-Dimethylphenol	9.763	107	12483	4.05	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.004	93	13267	4.39	ng/ul#	98
29) 2,4-Dichlorophenol	10.234	162	11555	4.07	ng/ul	96
30) Naphthalene	10.640	128	32373	4.29	ng/ul	95
32) 4-Chloroaniline	10.751	127	12882	4.10	ng/ul	93
33) Hexachlorobutadiene	10.928	225	10649	4.25	ng/ul#	87
34) Caprolactam	11.546	113	2753	3.52	ng/ul	90
35) 4-Chloro-3-methylphenol	11.869	107	10848	3.88	ng/ul	88
36) 2-Methylnaphthalene	12.257	142	25371	4.21	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.475	142	24745	4.28	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.622	216	18952	3.81	ng/ul	99
40)	Hexachlorocyclopentadiene	12.604	237	17670	4.63	ng/ul#	95
41)	2,4,6-Trichlorophenol	12.863	196	10931	3.56	ng/ul	93
42)	2,4,5-Trichlorophenol	12.934	196	11633	3.62	ng/ul	90
43)	1,1'-Biphenyl	13.275	154	36052	3.72	ng/ul	95
44)	2-Chloronaphthalene	13.310	162	30551	3.80	ng/ul	99
45)	2-Nitroaniline	13.510	65	6778	3.08	ng/ul	94
47)	Dimethylphthalate	13.898	163	41443	3.92	ng/ul	100
48)	2,6-Dinitrotoluene	14.010	165	6994	3.25	ng/ul	97
50)	Acenaphthylene	14.163	152	43133	3.77	ng/ul	99
51)	3-Nitroaniline	14.339	138	5483	3.85	ng/ul#	88
52)	Acenaphthene	14.504	153	33287	4.08	ng/ul	99
53)	2,4-Dinitrophenol	14.545	184	6211m	4.26	ng/ul	
55)	4-Nitrophenol	14.645	109	8206	4.08	ng/ul	84
56)	Dibenzofuran	14.839	168	54598	4.42	ng/ul	99
57)	2,4-Dinitrotoluene	14.798	165	11294	3.74	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.063	232	12604	3.93	ng/ul#	96
59)	Diethylphthalate	15.269	149	39629	3.85	ng/ul	99
61)	Fluorene	15.492	166	43678	4.20	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.492	204	26799	4.37	ng/ul	93
63)	4-Nitroaniline	15.504	138	5890	4.21	ng/ul#	75
66)	4,6-Dinitro-2-methylph...	15.563	198	8703	3.60	ng/ul#	84
67)	N-Nitrosodiphenylamine	15.704	169	35731	3.75	ng/ul	94
68)	4-Bromophenyl-phenylether	16.386	248	17989	4.05	ng/ul	94
69)	Hexachlorobenzene	16.492	284	21503	4.33	ng/ul	94
70)	Atrazine	16.663	200	16412	3.74	ng/ul	99
71)	Pentachlorophenol	16.839	266	11372	3.56	ng/ul	93
72)	Phenanthrene	17.233	178	75053	4.09	ng/ul	99
74)	Anthracene	17.328	178	76504	4.07	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.234	216	19540	3.74	ng/uL	91
76)	Pentachlorobenzene	14.757	250	22927	4.01	ng/uL	96
77)	Carbazole	17.598	167	61314	3.94	ng/ul	96
78)	Di-n-butylphthalate	18.163	149	65749	3.55	ng/ul	98
80)	Fluoranthene	19.204	202	94837	3.68	ng/ul	99
82)	Pyrene	19.557	202	100486	3.86	ng/ul#	97
83)	Butylbenzylphthalate	20.439	149	28303	3.31	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.198	252	28142	3.15	ng/ul	98
85)	Benzo(a)anthracene	21.263	228	97868	4.02	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.204	149	41842	3.41	ng/ul#	96
87)	Chrysene	21.310	228	96598	4.17	ng/ul	99
89)	Di-n-octyl phthalate	22.104	149	68567	3.67	ng/ul	100
90)	Benzo(b)fluoranthene	22.892	252	97445	4.37	ng/ul	99
91)	Benzo(k)fluoranthene	22.939	252	97292	4.44	ng/ul	98
93)	Benzo(a)pyrene	23.498	252	85704	4.23	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	25.980	276	112343	4.27	ng/ul	97
95)	Dibenzo(a,h)anthracene	25.998	278	97418	4.35	ng/ul	94
96)	Benzo(g,h,i)perylene	26.709	276	93982	4.32	ng/ul	98

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

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