Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081621\
Data File : BP006680.D
Acq On : 16 Aug 2021 11:13
Operator : CG/JU
Sample : M2250-02
Misc : SFAM-MDL-WATER-02
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2021-06

Manual Integrations APPROVED
mohammad
8/17/2021 1:21:25 PM

Quant Time: Aug 16 11:40:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 16 11:01:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	166975	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	703202	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	420314	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	835716	20.000	ng/ul	0.00
79) Chrysene-d12	21.216	240	824434	20.000	ng/ul	0.00
88) Perylene-d12	23.533	264	863298	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	24628	4.989	ng/uL	0.00
4) Pyridine-d5	3.628	84	244289	17.214	ng/ul	0.00
7) Phenol-d5	6.887	99	369133	21.991	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	247629	24.004	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	292183	23.372	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	282589	21.073	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	144372	24.186	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	145720	23.330	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	242462	22.976	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	380204	22.167	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	792547	24.588	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	972786	24.604	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	143388	21.296	ng/ul	0.00
60) Fluorene-d10	15.351	176	655129	24.990	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	107601	19.479	ng/ul	0.00
73) Anthracene-d10	17.210	188	984602	24.900	ng/ul	0.00
81) Pyrene-d10	19.457	212	1051337	24.283	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.386	264	1184750	25.449	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	6847	1.365	ng/uL#	90
5) Pyridine	3.646	79	65822	4.480	ng/ul#	80
6) Benzaldehyde	6.858	77	49790	6.033	ng/ul	99
8) Phenol	6.910	94	72382	4.222	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.146	93	57274	4.335	ng/ul	97
12) 2-Chlorophenol	7.269	128	54518	4.325	ng/ul	99
13) 2-Methylphenol	8.157	108	51092	4.051	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.234	45	66552m	4.311	ng/ul	
16) Acetophenone	8.534	105	92840	4.398	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.522	70	48110	4.237	ng/ul	97
18) 4-Methylphenol	8.487	108	55214	4.026	ng/ul	98
19) Hexachloroethane	8.775	117	25921	4.725	ng/ul	93
22) Nitrobenzene	8.904	77	74080	4.740	ng/ul	99
23) Isophorone	9.434	82	129417	4.441	ng/ul	99
25) 2-Nitrophenol	9.610	139	28757	4.365	ng/ul	95
26) 2,4-Dimethylphenol	9.681	107	64277	4.542	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.922	93	76582	4.533	ng/ul	99
29) 2,4-Dichlorophenol	10.146	162	45630	4.457	ng/ul	95
30) Naphthalene	10.540	128	179187	4.695	ng/ul	99
32) 4-Chloroaniline	10.663	127	74015	4.398	ng/ul	95
33) Hexachlorobutadiene	10.822	225	29439	4.877	ng/ul	95
34) Caprolactam	11.475	113	15163	3.699	ng/ul	95
35) 4-Chloro-3-methylphenol	11.793	107	56169	4.289	ng/ul	96
36) 2-Methylnaphthalene	12.163	142	120745	4.604	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	117340	4.496	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	52734	4.656	ng/ul	97
40) Hexachlorocyclopentadiene	12.504	237	27504	3.701	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	32579	4.188	ng/ul	98
42) 2,4,5-Trichlorophenol	12.845	196	33367	4.029	ng/ul	96
43) 1,1'-Biphenyl	13.181	154	150966	4.620	ng/ul	100
44) 2-Chloronaphthalene	13.222	162	112263	4.529	ng/ul	98
45) 2-Nitroaniline	13.434	65	33210	3.715	ng/ul	92
47) Dimethylphthalate	13.822	163	148543	4.659	ng/ul	100
48) 2,6-Dinitrotoluene	13.940	165	22100	3.591	ng/ul	90
50) Acenaphthylene	14.069	152	183594	4.750	ng/ul	99
51) 3-Nitroaniline	14.263	138	26235	3.723	ng/ul#	93
52) Acenaphthene	14.416	153	126396	4.586	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	14077	3.537	ng/ul	98
55) 4-Nitrophenol	14.581	109	26771	4.434	ng/ul	96
56) Dibenzofuran	14.751	168	171180	4.645	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	36115	3.989	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.981	232	30540	4.442	ng/ul	98
59) Diethylphthalate	15.192	149	153251	4.522	ng/ul	99
61) Fluorene	15.404	166	142776	4.647	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	66103	4.752	ng/ul	98
63) 4-Nitroaniline	15.434	138	27063	4.101	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.492	198	21958	3.976	ng/ul#	94
67) N-Nitrosodiphenylamine	15.622	169	119381	4.651	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	37831	4.590	ng/ul	95
69) Hexachlorobenzene	16.404	284	43270	4.645	ng/ul	97
70) Atrazine	16.586	200	35116	3.856	ng/ul	97
71) Pentachlorophenol	16.757	266	22290	3.653	ng/ul	93
72) Phenanthrene	17.151	178	222238	4.707	ng/ul	99
74) Anthracene	17.245	178	223791	4.668	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	51306	4.515	ng/uL	97
76) Pentachlorobenzene	14.669	250	50767	4.534	ng/uL	97
77) Carbazole	17.522	167	202437	4.521	ng/ul	100
78) Di-n-butylphthalate	18.092	149	230280	3.977	ng/ul	99
80) Fluoranthene	19.127	202	239869	4.408	ng/ul	99
82) Pyrene	19.486	202	260530	4.635	ng/ul	98
83) Butylbenzylphthalate	20.374	149	99740	3.590	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.139	252	66573	3.539	ng/ul	97
85) Benzo(a)anthracene	21.198	228	245953	4.580	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.145	149	161065	3.762	ng/ul	100
87) Chrysene	21.251	228	237209	4.582	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	273309	3.662	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	248600	4.433	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	248475	4.576	ng/ul	98
93) Benzo(a)pyrene	23.433	252	226147	4.451	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.921	276	296666	4.466	ng/ul	98
95) Dibenzo(a,h)anthracene	25.945	278	252052	4.517	ng/ul	98
96) Benzo(g,h,i)perylene	26.656	276	247903	4.495	ng/ul	100

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

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