Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015892.D
Acq On : 17 Aug 2021 10:10
Operator : CG/JU
Sample : M2250-02
Misc : SFAM-MDL-WATER-02
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED
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8/19/2021 1:25:01 PM

Quant Time: Aug 17 11:00:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 17 09:43:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	267599	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1122310	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.546	164	705268	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1459319	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1498329	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1407349	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	30688	4.467	ng/uL	0.00
4) Pyridine-d5	3.740	84	311732	16.236	ng/ul	0.00
7) Phenol-d5	7.052	99	550284	22.733	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	356685	23.933	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	430858	25.015	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	430670	22.875	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	205080	24.827	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	200905	25.987	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	407051	24.332	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	566225	22.235	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1305667	25.261	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	1580195	24.412	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	192982	21.110	ng/ul	0.00
60) Fluorene-d10	15.540	176	1110386	24.628	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	161157	20.678	ng/ul	0.00
73) Anthracene-d10	17.392	188	1687209	24.667	ng/ul	0.00
81) Pyrene-d10	19.692	212	1923572	23.835	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2023542	26.593	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	9934	1.407	ng/uL#	71
5) Pyridine	3.764	79	82215	4.153	ng/ul#	73
6) Benzaldehyde	7.034	77	70088	5.627	ng/ul	91
8) Phenol	7.081	94	106826	4.329	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.322	93	87919	4.548	ng/ul	98
12) 2-Chlorophenol	7.464	128	84708	4.785	ng/ul	96
13) 2-Methylphenol	8.340	108	75785	4.193	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	110888	4.492	ng/ul	98
16) Acetophenone	8.728	105	137161	4.515	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.711	70	65894	4.441	ng/ul	96
18) 4-Methylphenol	8.663	108	83034	4.292	ng/ul	92
19) Hexachloroethane	8.993	117	37634	4.681	ng/ul	89
22) Nitrobenzene	9.105	77	104432	4.471	ng/ul	100
23) Isophorone	9.628	82	168953	4.158	ng/ul	96
25) 2-Nitrophenol	9.816	139	42298	5.017	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	99907	4.437	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.122	93	109925	4.404	ng/ul	97
29) 2,4-Dichlorophenol	10.352	162	77151	4.677	ng/ul	96
30) Naphthalene	10.763	128	280429	4.665	ng/ul	98
32) 4-Chloroaniline	10.869	127	111761	4.445	ng/ul	98
33) Hexachlorobutadiene	11.052	225	58464	4.613	ng/ul	90
34) Caprolactam	11.634	113	16580m	3.208	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	80927	4.142	ng/ul	98
36) 2-Methylnaphthalene	12.375	142	198766	4.755	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	191056	4.592	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.740	216	109059	4.780	ng/ul	94
40) Hexachlorocyclopentadiene	12.722	237	66866	4.520	ng/ul	100
41) 2,4,6-Trichlorophenol	12.981	196	52171	4.182	ng/ul	99
42) 2,4,5-Trichlorophenol	13.046	196	56611	4.156	ng/ul	96
43) 1,1'-Biphenyl	13.381	154	252246	4.625	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	188712	4.481	ng/ul	98
45) 2-Nitroaniline	13.622	65	45891	3.846	ng/ul	94
47) Dimethylphthalate	14.004	163	241424	4.712	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	37165	4.005	ng/ul	98
50) Acenaphthylene	14.269	152	291128	4.731	ng/ul	100
51) 3-Nitroaniline	14.451	138	37378	3.747	ng/ul#	93
52) Acenaphthene	14.610	153	202697	4.554	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	20607	3.997	ng/ul	92
55) 4-Nitrophenol	14.740	109	38639	4.320	ng/ul	88
56) Dibenzofuran	14.945	168	291157	4.732	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	54178	4.054	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.169	232	49411	4.384	ng/ul	92
59) Diethylphthalate	15.369	149	226198	4.415	ng/ul	99
61) Fluorene	15.598	166	233695	4.654	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	124192	4.743	ng/ul	97
63) 4-Nitroaniline	15.604	138	40371	4.223	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.663	198	33541	4.327	ng/ul#	71
67) N-Nitrosodiphenylamine	15.804	169	192605	4.522	ng/ul	98
68) 4-Bromophenyl-phenylether	16.487	248	70641	4.511	ng/ul	95
69) Hexachlorobenzene	16.604	284	84308	4.607	ng/ul	97
70) Atrazine	16.751	200	59740	3.867	ng/ul	92
71) Pentachlorophenol	16.945	266	33588	3.272	ng/ul	95
72) Phenanthrene	17.339	178	367249	4.629	ng/ul	98
74) Anthracene	17.434	178	371692	4.589	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.346	216	109218	4.751	ng/uL	96
76) Pentachlorobenzene	14.869	250	100265	4.481	ng/uL	92
77) Carbazole	17.698	167	309718	4.349	ng/ul	99
78) Di-n-butylphthalate	18.269	149	329526	4.070	ng/ul	98
80) Fluoranthene	19.357	202	422411	4.326	ng/ul	97
82) Pyrene	19.722	202	439605	4.326	ng/ul#	95
83) Butylbenzylphthalate	20.622	149	123873	3.625	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.404	252	128323	4.182	ng/ul	95
85) Benzo(a)anthracene	21.469	228	424698	4.405	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	203476	3.754	ng/ul	98
87) Chrysene	21.522	228	425511	4.559	ng/ul	96
89) Di-n-octyl phthalate	22.333	149	312761	3.511	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	435120	4.703	ng/ul	99
91) Benzo(k)fluoranthene	23.216	252	408108	4.430	ng/ul	98
93) Benzo(a)pyrene	23.798	252	367146	4.384	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.410	276	471704	4.542	ng/ul	96
95) Dibenzo(a,h)anthracene	26.439	278	384496	4.485	ng/ul#	97
96) Benzo(g,h,i)perylene	27.180	276	384656	4.480	ng/ul	96

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

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