Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005745.D
Acq On : 18 May 2019 09:54
Operator : JU/SJ
Sample : SSTD01074
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01074

Manual Integrations APPROVED
Sohil
5/21/2019 7:09:43 PM

Quant Time: May 18 12:08:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 11:54:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	109350	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	488969	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	346859	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	874105	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	891119	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1020740	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	7613	3.36	ng/uL	0.00
5) Phenol-d5	6.77	99	75496	8.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	41466	7.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	64572	9.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	65351	9.73	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	34157	11.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	38619	12.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	74835	10.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	73485	10.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	261913	10.40	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	312085	10.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	29979m	7.54	ng/ul	0.00
57) Fluorene-d10	15.22	176	227452	10.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	41570	10.57	ng/ul	0.00
70) Anthracene-d10	17.07	188	373972	10.21	ng/ul	0.00
78) Pyrene-d10	19.39	212	437857	9.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	450345	10.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	8185	3.360	ng/uL	94
4) Benzaldehyde	6.74	77	56546	9.291	ng/ul	98
6) Phenol	6.79	94	78124	8.844	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.02	93	59506	8.413	ng/ul	92
10) 2-Chlorophenol	7.15	128	63766	9.384	ng/ul	93
11) 2-Methylphenol	8.02	108	61521	9.294	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	82076	6.911	ng/ul#	91
14) Acetophenone	8.39	105	109405	10.182	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.38	70	54269	9.442	ng/ul#	89
16) 4-Methylphenol	8.35	108	69593	9.735	ng/ul	98
17) Hexachloroethane	8.63	117	27996	9.488	ng/ul	85
20) Nitrobenzene	8.77	77	79376	9.584	ng/ul	97
21) Isophorone	9.28	82	162323	9.898	ng/ul	97
23) 2-Nitrophenol	9.48	139	40081	11.593	ng/ul	94
24) 2,4-Dimethylphenol	9.53	107	83096	9.599	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	89679	8.702	ng/ul	97
27) 2,4-Dichlorophenol	10.01	162	72499	10.504	ng/ul	93
28) Naphthalene	10.39	128	222430	9.785	ng/ul	98
30) 4-Chloroaniline	10.52	127	74534	10.146	ng/ul	99
31) Hexachlorobutadiene	10.67	225	53152	10.905	ng/ul	96
32) Caprolactam	11.28	113	25952	12.427	ng/ul#	75
33) 4-Chloro-3-methylphenol	11.66	107	82727	10.644	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	176426	10.600	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	108110	10.071	ng/ul#	95
37) Hexachlorocyclopentadiene	12.36	237	10987	1.501	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.65	196	67772	10.470	ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	67108	9.648	ng/ul	98
40) 1,1'-Biphenyl	13.04	154	244190	9.449	ng/ul#	96
41) 2-Chloronaphthalene	13.08	162	190307	9.574	ng/ul	97
42) 2-Nitroaniline	13.30	65	54519	10.341	ng/ul	93
44) Dimethylphthalate	13.68	163	256221	10.213	ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	51250	11.830	ng/ul	94
47) Acenaphthylene	13.93	152	299744	9.863	ng/ul	99
48) 3-Nitroaniline	14.15	138	44251	10.988	ng/ul	90
49) Acenaphthene	14.28	153	206863	9.970	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	13865	6.570	ng/ul	95
52) 4-Nitrophenol	14.48	109	26842	7.438	ng/ul	97
53) Dibenzofuran	14.62	168	305083	10.213	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	78784	12.615	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.86	232	63211	10.924	ng/ul	92
56) Diethylphthalate	15.05	149	262367	10.429	ng/ul	98
58) Fluorene	15.27	166	249692	10.712	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	139532	11.284	ng/ul	94
60) 4-Nitroaniline	15.32	138	50946	10.147	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.40	198	42737	10.214	ng/ul#	91
64) N-Nitrosodiphenylamine	15.49	169	220151	9.202	ng/ul	98
65) 4-Bromophenyl-phenylether	16.17	248	90435	10.270	ng/ul	94
66) Hexachlorobenzene	16.29	284	100103	10.675	ng/ul	95
67) Atrazine	16.45	200	89669	10.068	ng/ul	98
68) Pentachlorophenol	16.65	266	36732	6.690	ng/ul	97
69) Phenanthrene	17.02	178	423989	9.960	ng/ul	99
71) Anthracene	17.11	178	437154	10.081	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	113750	8.909	ng/uL	96
73) Pentachlorobenzene	14.55	250	111759	9.726	ng/uL	97
74) Carbazole	17.39	167	373294	10.021	ng/ul	99
75) Di-n-butylphthalate	17.95	149	455565	9.747	ng/ul	99
76) Fluoranthene	19.06	202	525071	11.120	ng/ul#	92
79) Pyrene	19.42	202	544591	9.492	ng/ul#	90
80) Butylbenzylphthalate	20.34	149	216847	9.546	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.13	252	181885	10.216	ng/ul#	98
82) Benzo(a)anthracene	21.20	228	554592	10.004	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	314408	8.988	ng/ul#	97
84) Chrysene	21.25	228	519380	10.095	ng/ul	99
86) Di-n-octyl phthalate	22.01	149	552073m	8.831	ng/ul	
87) Benzo(b)fluoranthene	22.77	252	562546	9.804	ng/ul#	96
88) Benzo(k)fluoranthene	22.81	252	521829	9.522	ng/ul#	98
90) Benzo(a)pyrene	23.33	252	534661	9.913	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.63	276	648749	10.880	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.63	278	547554	10.820	ng/ul#	93
93) Benzo(g,h,i)perylene	26.31	276	539720	10.947	ng/ul#	92

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

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