Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005748.D
Acq On : 18 May 2019 11:38
Operator : JU/SJ
Sample : SSTD08077
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD08077

Manual Integrations APPROVED
Sohil
5/21/2019 7:09:54 PM

Quant Time: May 18 12:21:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 12:10:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	132430	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	588225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	404016	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	989122	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	961982	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1095301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	70921	25.86	ng/uL	0.00
5) Phenol-d5	6.77	99	831273	79.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	420061	64.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	680777	85.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	701734	86.31	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	349930	96.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	419306	114.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	785120	93.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	861395	99.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	2405837	82.03	ng/ul	0.01
46) Acenaphthylene-d8	13.91	160	2965246	82.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	387889	83.76	ng/ul	0.01
57) Fluorene-d10	15.22	176	2050873	83.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	518179	116.48	ng/ul	0.00
70) Anthracene-d10	17.08	188	3297580	79.53	ng/ul	0.00
78) Pyrene-d10	19.40	212	3830737	77.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	3892801	81.33	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	74647	25.304	ng/uL	98
4) Benzaldehyde	6.73	77	504797	68.487	ng/ul	98
6) Phenol	6.80	94	845045	78.987	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	607564	70.925	ng/ul	92
10) 2-Chlorophenol	7.15	128	686094	83.374	ng/ul	92
11) 2-Methylphenol	8.02	108	663512	82.766	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.10	45	788416	54.814	ng/ul#	92
14) Acetophenone	8.40	105	1105416	84.951	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	531457	76.354	ng/ul#	90
16) 4-Methylphenol	8.36	108	726069	83.863	ng/ul	98
17) Hexachloroethane	8.63	117	276233	77.300	ng/ul	85
20) Nitrobenzene	8.77	77	793100	79.599	ng/ul	93
21) Isophorone	9.30	82	1548101	78.473	ng/ul	96
23) 2-Nitrophenol	9.48	139	430289	103.457	ng/ul	94
24) 2,4-Dimethylphenol	9.54	107	864119	82.977	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	880777	71.044	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	758513	91.352	ng/ul	97
28) Naphthalene	10.39	128	2255796	82.492	ng/ul	99
30) 4-Chloroaniline	10.51	127	866310	98.027	ng/ul	99
31) Hexachlorobutadiene	10.67	225	518470	88.423	ng/ul	98
32) Caprolactam	11.31	113	262471m	104.477	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	838568	89.691	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	1730260	86.415	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	1049077	83.904	ng/ul	98
37) Hexachlorocyclopentadiene	12.36	237	418293	49.068	ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	671033	89.003	ng/ul	96
39) 2,4,5-Trichlorophenol	12.73	196	714225	88.159	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	2322539	77.153	ng/ul#	98
41) 2-Chloronaphthalene	13.09	162	1854427	80.097	ng/ul	96
42) 2-Nitroaniline	13.30	65	556407	90.609	ng/ul	89
44) Dimethylphthalate	13.69	163	2364314	80.905	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	537623	106.546	ng/ul	90
47) Acenaphthylene	13.94	152	2836667	80.132	ng/ul	98
48) 3-Nitroaniline	14.15	138	460476	98.162	ng/ul	90
49) Acenaphthene	14.29	153	1931108	79.906	ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	337490	137.306	ng/ul	89
52) 4-Nitrophenol	14.49	109	352378	83.831	ng/ul	97
53) Dibenzofuran	14.63	168	2787163	80.102	ng/ul	98
54) 2,4-Dinitrotoluene	14.63	165	772517	106.199	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.86	232	658656	97.726	ng/ul	93
56) Diethylphthalate	15.06	149	2403838	82.035	ng/ul	98
58) Fluorene	15.28	166	2244613	82.671	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.27	204	1219296	84.656	ng/ul	97
60) 4-Nitroaniline	15.33	138	510385	87.273	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.40	198	517993	109.402	ng/ul	91
64) N-Nitrosodiphenylamine	15.49	169	2013141	74.363	ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	830571	83.351	ng/ul	95
66) Hexachlorobenzene	16.29	284	922915	86.979	ng/ul	94
67) Atrazine	16.46	200	853777	84.714	ng/ul	98
68) Pentachlorophenol	16.64	266	477309	76.825	ng/ul	98
69) Phenanthrene	17.02	178	3766072	78.180	ng/ul	100
71) Anthracene	17.12	178	3806348	77.566	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	1084350	75.054	ng/uL	98
73) Pentachlorobenzene	14.55	250	1044189	80.303	ng/uL	99
74) Carbazole	17.39	167	3385891	80.321	ng/ul	99
75) Di-n-butylphthalate	17.96	149	4049517	76.563	ng/ul	99
76) Fluoranthene	19.06	202	4652817	87.080	ng/ul#	94
79) Pyrene	19.43	202	4648626	75.052	ng/ul#	93
80) Butylbenzylphthalate	20.35	149	1957552	79.825	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.14	252	1613156	83.931	ng/ul#	98
82) Benzo(a)anthracene	21.20	228	4736769	79.150	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	2648781	70.146	ng/ul#	97
84) Chrysene	21.26	228	4401777	79.251	ng/ul	99
86) Di-n-octyl phthalate	22.02	149	4612709	68.760	ng/ul	100
87) Benzo(b)fluoranthene	22.78	252	4898417	79.559	ng/ul#	97
88) Benzo(k)fluoranthene	22.83	252	4431286	75.358	ng/ul#	97
90) Benzo(a)pyrene	23.35	252	4560677	78.805	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.67	276	5466874	85.440	ng/ul	95
92) Dibenzo(a,h)anthracene	25.67	278	4609080	84.879	ng/ul#	94
93) Benzo(g,h,i)perylene	26.33	276	4578828	86.546	ng/ul#	92

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

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