Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005301.D
Acq On : 26 Apr 2019 03:35
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02077

Manual Integrations APPROVED
Sohil
4/26/2019 6:21:46 PM

Quant Time: Apr 26 05:16:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	436124	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2010436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1326908	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	3272302	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	3277737	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	3646208	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	62077	6.87	ng/uL	0.00
5) Phenol-d5	6.78	99	641240	18.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	375268	17.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	497071	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	532275	19.88	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	257756	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	286956	22.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	561082	19.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	597056	20.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1830055	19.00	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2201567	18.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	335559	22.06	ng/ul	0.00
57) Fluorene-d10	15.23	176	1538813	19.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	305945	20.79	ng/ul	0.00
70) Anthracene-d10	17.08	188	2509312	18.29	ng/ul	0.00
78) Pyrene-d10	19.39	212	2901862	17.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2949751	18.51	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	65546	6.747	ng/uL	97
4) Benzaldehyde	6.75	77	445824	18.367	ng/ul	99
6) Phenol	6.80	94	658486	18.690	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	513755	18.211	ng/ul	94
10) 2-Chlorophenol	7.16	128	509011	18.782	ng/ul	96
11) 2-Methylphenol	8.03	108	504764	19.119	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	799881	16.887	ng/ul	97
14) Acetophenone	8.40	105	850326	19.843	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.39	70	442263	19.294	ng/ul	93
16) 4-Methylphenol	8.36	108	568320	19.933	ng/ul	100
17) Hexachloroethane	8.65	117	212294	18.039	ng/ul	99
20) Nitrobenzene	8.78	77	620851	18.231	ng/ul	95
21) Isophorone	9.29	82	1270769	18.847	ng/ul	99
23) 2-Nitrophenol	9.48	139	307434	21.627	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	645011	18.122	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	758208	17.894	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	553032	19.488	ng/ul	98
28) Naphthalene	10.40	128	1709874	18.295	ng/ul	99
30) 4-Chloroaniline	10.52	127	606125	20.067	ng/ul	100
31) Hexachlorobutadiene	10.69	225	358953	17.912	ng/ul	98
32) Caprolactam	11.26	113	203057m	23.649	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	638025	19.967	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	1299307	18.986	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	726553	17.693	ng/ul	97
37) Hexachlorocyclopentadiene	12.38	237	548757	19.600	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	476913	19.260	ng/ul	99
39) 2,4,5-Trichlorophenol	12.71	196	517018	19.431	ng/ul	100
40) 1,1'-Biphenyl	13.05	154	1767566	17.878	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	1347163	17.717	ng/ul	97
42) 2-Nitroaniline	13.30	65	427526	21.198	ng/ul	93
44) Dimethylphthalate	13.69	163	1791026	18.661	ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	375951	22.686	ng/ul	87
47) Acenaphthylene	13.95	152	2140016	18.407	ng/ul	99
48) 3-Nitroaniline	14.13	138	343498	22.296	ng/ul#	94
49) Acenaphthene	14.29	153	1432446	18.047	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	178921	22.164	ng/ul#	85
52) 4-Nitrophenol	14.45	109	273062	19.780	ng/ul	89
53) Dibenzofuran	14.63	168	2125142	18.596	ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	558724	23.387	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.86	232	469986	21.232	ng/ul	95
56) Diethylphthalate	15.07	149	1841360	19.133	ng/ul	99
58) Fluorene	15.28	166	1707448	19.148	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	891724	18.851	ng/ul	96
60) 4-Nitroaniline	15.30	138	438132	22.811	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.37	198	314350	20.068	ng/ul	91
64) N-Nitrosodiphenylamine	15.50	169	1559324	17.411	ng/ul	100
65) 4-Bromophenyl-phenylether	16.18	248	583742	17.707	ng/ul	95
66) Hexachlorobenzene	16.29	284	631843	17.999	ng/ul	96
67) Atrazine	16.46	200	611650	18.345	ng/ul	99
68) Pentachlorophenol	16.63	266	388718	18.912	ng/ul	97
69) Phenanthrene	17.02	178	2859011	17.940	ng/ul	100
71) Anthracene	17.12	178	2955207	18.203	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	756219	15.822	ng/uL	98
73) Pentachlorobenzene	14.55	250	715448	16.631	ng/uL	97
74) Carbazole	17.39	167	2677244	19.197	ng/ul	99
75) Di-n-butylphthalate	17.97	149	3301395	18.867	ng/ul	100
76) Fluoranthene	19.05	202	3556650	20.120	ng/ul	100
79) Pyrene	19.42	202	3635913	17.228	ng/ul	99
80) Butylbenzylphthalate	20.36	149	1596834	19.111	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.13	252	1249677	19.083	ng/ul	99
82) Benzo(a)anthracene	21.19	228	3757768	18.429	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	2403510	18.681	ng/ul	98
84) Chrysene	21.25	228	3533404	18.671	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	4213797	18.869	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	3807248	18.575	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	3580003	18.288	ng/ul	99
90) Benzo(a)pyrene	23.32	252	3543153	18.391	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.59	276	3703016	17.385	ng/ul	100
92) Dibenzo(a,h)anthracene	25.60	278	3148047	17.415	ng/ul	98
93) Benzo(g,h,i)perylene	26.25	276	2780794	15.789	ng/ul	99

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

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