Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\
Data File : BN004673.D
Acq On : 08 Mar 2019 15:13
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02026

Quant Time: Mar 08 22:11:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 00:36:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	31589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	149023	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	90122	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	202762	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	167537	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	153338	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3953	7.06	ng/uL	0.00
5) Phenol-d5	6.89	99	50437	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	25728	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	44798	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	44115	19.43	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	22149	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	25583	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	49553	20.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	56875	19.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	146924	18.85	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	186258	19.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	26328	18.20	ng/ul	0.00
58) Fluorene-d10	15.36	176	127772	19.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	23176	16.56	ng/ul	0.00
71) Anthracene-d10	17.21	188	194554	19.70	ng/ul	0.00
79) Pyrene-d10	19.52	212	197718	24.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	159166	19.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	4628	6.706	ng/uL	97
4) Benzaldehyde	6.88	77	33254	19.676	ng/ul	97
6) Phenol	6.91	94	50736	19.098	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	37332	19.092	ng/ul	98
10) 2-Chlorophenol	7.28	128	44533	19.486	ng/ul	99
11) 2-Methylphenol	8.16	108	41340	19.377	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	43303	19.201	ng/ul	99
14) Acetophenone	8.55	105	66632	19.573	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	30914	19.235	ng/ul	99
16) 4-Methylphenol	8.48	108	45794	19.307	ng/ul	96
17) Hexachloroethane	8.79	117	17123	20.005	ng/ul	93
20) Nitrobenzene	8.93	77	45501	19.507	ng/ul	99
21) Isophorone	9.44	82	91034	18.838	ng/ul	100
23) 2-Nitrophenol	9.63	139	27256	19.539	ng/ul	98
24) 2,4-Dimethylphenol	9.68	107	52684	19.568	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.92	93	55181	18.758	ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	48612	20.087	ng/ul	99
28) Naphthalene	10.56	128	152236	19.606	ng/ul	99
30) 4-Chloroaniline	10.68	127	58533	19.522	ng/ul	100
31) Hexachlorobutadiene	10.82	225	32673	20.314	ng/ul	97
32) Caprolactam	11.44	113	15059	18.369	ng/ul	96
33) 4-Chloro-3-methylphenol	11.79	107	50691	19.535	ng/ul	98
34) 2-Methylnaphthalene	12.17	142	114043	19.601	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	106116	19.422	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	65355	20.623	ng/ul	100
38) Hexachlorocyclopentadiene	12.51	237	47032	21.543	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	41412	20.287	ng/ul	97
40) 2,4,5-Trichlorophenol	12.86	196	45039	20.155	ng/ul	96
41) 1,1'-Biphenyl	13.19	154	150130	19.801	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	115863	20.098	ng/ul	99
43) 2-Nitroaniline	13.45	65	27925	19.800	ng/ul	99
45) Dimethylphthalate	13.82	163	144329	18.877	ng/ul	100
46) 2,6-Dinitrotoluene	13.95	165	30446	19.667	ng/ul	96
48) Acenaphthylene	14.09	152	180885	19.734	ng/ul	100
49) 3-Nitroaniline	14.28	138	29885	19.909	ng/ul	97
50) Acenaphthene	14.43	153	123837	19.765	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	17997	17.937	ng/ul	94
53) 4-Nitrophenol	14.58	109	19934	18.969	ng/ul	98
54) Dibenzofuran	14.76	168	176243	19.583	ng/ul	98
55) 2,4-Dinitrotoluene	14.74	165	44207	19.332	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.99	232	40772	19.714	ng/ul	100
57) Diethylphthalate	15.19	149	146585	18.920	ng/ul	99
59) Fluorene	15.42	166	140703	19.484	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.41	204	74902	19.538	ng/ul	98
61) 4-Nitroaniline	15.45	138	34629	19.654	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.50	198	24723	16.750	ng/ul	99
65) N-Nitrosodiphenylamine	15.63	169	122308	19.807	ng/ul	98
66) 4-Bromophenyl-phenylether	16.30	248	50022	20.103	ng/ul	98
67) Hexachlorobenzene	16.41	284	56942	19.937	ng/ul	97
68) Atrazine	16.57	200	46901	19.884	ng/ul	99
69) Pentachlorophenol	16.76	266	32205	18.093	ng/ul	98
70) Phenanthrene	17.15	178	221034	19.604	ng/ul	99
72) Anthracene	17.25	178	227867	19.780	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	64418	21.404	ng/uL	99
74) Pentachlorobenzene	14.67	250	66854	20.835	ng/uL	98
75) Carbazole	17.52	167	198860	19.877	ng/ul	100
76) Di-n-butylphthalate	18.07	149	247262	19.930	ng/ul	99
77) Fluoranthene	19.17	202	247258	19.020	ng/ul	98
80) Pyrene	19.55	202	243674	23.990	ng/ul	98
81) Butylbenzylphthalate	20.45	149	105862	25.385	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.23	252	79053	19.987	ng/ul	99
83) Benzo(a)anthracene	21.30	228	205489	19.497	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	148253	24.463	ng/ul	99
85) Chrysene	21.35	228	189380	19.350	ng/ul	100
87) Di-n-octyl phthalate	22.10	149	223295	22.568	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	179188	18.827	ng/ul	99
89) Benzo(k)fluoranthene	22.93	252	180671	19.305	ng/ul	100
91) Benzo(a)pyrene	23.47	252	173870	19.420	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.86	276	210269	21.560	ng/ul	98
93) Dibenzo(a,h)anthracene	25.87	278	176783	21.544	ng/ul	97
94) Benzo(g,h,i)perylene	26.56	276	175202	22.089	ng/ul	98

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

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