Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
Data File : BN008753.D
Acq On : 27 Nov 2019 12:33
Operator : JU
Sample : SSTD01054
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01054

Quant Time: Nov 27 13:53:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 13:25:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	339389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1603060	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	1190366	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	2668560	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	2636259	20.00	ng/ul	0.00
85) Perylene-d12	23.32	264	2989802	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	31621	3.78	ng/uL	0.00
5) Phenol-d5	6.78	99	313472	10.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	211806	11.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	226053	9.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	250205	10.81	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	115952	10.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	118673	11.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	249190	9.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	311518	10.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	906234	9.62	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	997477	9.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	168859	11.56	ng/ul	0.00
57) Fluorene-d10	15.21	176	783634	10.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	120120	11.79	ng/ul	0.00
70) Anthracene-d10	17.05	188	1285977	10.17	ng/ul	0.00
78) Pyrene-d10	19.35	212	1406693	9.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.18	264	1541821	9.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	32165	3.805	ng/uL	89
4) Benzaldehyde	6.74	77	214465	12.576	ng/ul	95
6) Phenol	6.80	94	325463	10.587	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	255733	10.844	ng/ul	95
10) 2-Chlorophenol	7.16	128	235594	10.053	ng/ul	98
11) 2-Methylphenol	8.03	108	239217	10.376	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.12	45	502091	12.914	ng/ul	98
14) Acetophenone	8.40	105	418725	11.219	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	221445	11.334	ng/ul	98
16) 4-Methylphenol	8.35	108	275934	11.079	ng/ul	95
17) Hexachloroethane	8.65	117	91928	9.164	ng/ul	95
20) Nitrobenzene	8.76	77	308856	10.281	ng/ul	100
21) Isophorone	9.29	82	622803	9.820	ng/ul	99
23) 2-Nitrophenol	9.47	139	131736	11.379	ng/ul	96
24) 2,4-Dimethylphenol	9.54	107	315449	9.561	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.78	93	390355	10.554	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	248170	9.764	ng/ul	99
28) Naphthalene	10.40	128	845492	10.024	ng/ul	99
30) 4-Chloroaniline	10.50	127	313870	10.009	ng/ul	99
31) Hexachlorobutadiene	10.69	225	142010	8.273	ng/ul	99
32) Caprolactam	11.27	113	95803	11.332	ng/ul	95
33) 4-Chloro-3-methylphenol	11.64	107	315735	10.450	ng/ul	98
34) 2-Methylnaphthalene	12.01	142	633631	10.229	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	312918	8.622 ng/ul	97
37) Hexachlorocyclopentadiene	12.38	237	153015	7.108 ng/ul	99
38) 2,4,6-Trichlorophenol	12.63	196	207223	9.292 ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	227029	9.525 ng/ul	97
40) 1,1'-Biphenyl	13.05	154	875470	9.547 ng/ul	99
41) 2-Chloronaphthalene	13.07	162	664200	9.444 ng/ul	97
42) 2-Nitroaniline	13.28	65	225465	11.928 ng/ul	99
44) Dimethylphthalate	13.68	163	893671	9.797 ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	157534	11.478 ng/ul#	89
47) Acenaphthylene	13.93	152	1039670	9.583 ng/ul	99
48) 3-Nitroaniline	14.11	138	161035	11.259 ng/ul	92
49) Acenaphthene	14.27	153	729709	9.765 ng/ul	99
50) 2,4-Dinitrophenol	14.32	184	70038	11.114 ng/ul	94
52) 4-Nitrophenol	14.43	109	133946	9.342 ng/ul	95
53) Dibenzofuran	14.62	168	1076822	9.972 ng/ul	98
54) 2,4-Dinitrotoluene	14.58	165	248932	12.303 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.85	232	204650	10.415 ng/ul	97
56) Diethylphthalate	15.06	149	911534	9.714 ng/ul	99
58) Fluorene	15.26	166	881522	10.324 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	432413	10.174 ng/ul	98
60) 4-Nitroaniline	15.27	138	206769	12.126 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.35	198	134352	11.806 ng/ul#	97
64) N-Nitrosodiphenylamine	15.48	169	770474	9.641 ng/ul	96
65) 4-Bromophenyl-phenylether	16.16	248	265743	9.629 ng/ul	97
66) Hexachlorobenzene	16.27	284	280691	9.616 ng/ul	97
67) Atrazine	16.44	200	276769	9.501 ng/ul	98
68) Pentachlorophenol	16.62	266	156694	9.378 ng/ul	97
69) Phenanthrene	17.00	178	1454787	10.064 ng/ul	99
71) Anthracene	17.09	178	1475065	9.986 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	319530	8.649 ng/uL	98
73) Pentachlorobenzene	14.53	250	322699	8.943 ng/uL	99
74) Carbazole	17.36	167	1375386	10.421 ng/ul	98
75) Di-n-butylphthalate	17.95	149	1562568	9.449 ng/ul	100
76) Fluoranthene	19.02	202	1741562	10.488 ng/ul	99
79) Pyrene	19.38	202	1876133	9.943 ng/ul	99
80) Butylbenzylphthalate	20.31	149	722419	10.359 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.08	252	577275	9.387 ng/ul	97
82) Benzo(a)anthracene	21.14	228	1858849	10.029 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.10	149	1111273	9.720 ng/ul	99
84) Chrysene	21.19	228	1757660	10.125 ng/ul	96
86) Di-n-octyl phthalate	21.97	149	1878096	9.667 ng/ul	100
87) Benzo(b)fluoranthene	22.67	252	1828478	9.800 ng/ul	98
88) Benzo(k)fluoranthene	22.72	252	1774845	10.104 ng/ul	98
90) Benzo(a)pyrene	23.22	252	1755632	9.894 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.44	276	2025584	9.970 ng/ul	99
92) Dibenzo(a,h)anthracene	25.46	278	1714991	10.051 ng/ul	98
93) Benzo(g,h,i)perylene	26.09	276	1717983	10.077 ng/ul	97

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

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