Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112719\
Data File : BN008757.D
Acq On : 27 Nov 2019 14:56
Operator : JU
Sample : SSTD016051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16058

Quant Time: Nov 27 15:29:48 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	359308	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1730569	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1193353	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	2813797	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	2426114	20.00	ng/ul	0.02
85) Perylene-d12	23.33	264	3084655	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	484706	54.70	ng/uL	0.00
5) Phenol-d5	6.79	99	5974476	189.57	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	3447684	178.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	4218418	174.20	ng/ul	0.01
13) 4-Methylphenol-d8	8.31	113	4682220	191.13	ng/ul	0.02
19) Nitrobenzene-d5	8.74	128	2218820	188.13	ng/ul	0.02
22) 2-Nitrophenol-d4	9.45	143	2512224	226.95	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.99	165	4590649	162.49	ng/ul	0.02
29) 4-Chloroaniline-d4	10.49	131	4491827	135.74	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	13906607	147.24	ng/ul	0.02
46) Acenaphthylene-d8	13.91	160	15514547	143.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	3157492	215.69	ng/ul	0.04
57) Fluorene-d10	15.22	176	11662698	148.63	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.36	200	2841504	264.53	ng/ul	0.03
70) Anthracene-d10	16.96	188	2813797	21.10	ng/ul	-0.09
78) Pyrene-d10	19.36	212	17974386	129.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	2999317	18.72	ng/ul	0.15
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	516921	57.764	ng/uL	91
4) Benzaldehyde	6.74	77	1615721	89.492	ng/ul	98
6) Phenol	6.82	94	6549643	201.235	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	4590279	183.856	ng/ul	97
10) 2-Chlorophenol	7.17	128	4614895	186.004	ng/ul	99
11) 2-Methylphenol	8.04	108	4907099	201.042	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	8650387	210.164	ng/ul	98
14) Acetophenone	8.41	105	7279215	184.219	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	4008099	193.771	ng/ul	97
16) 4-Methylphenol	8.39	108	5308884	201.340	ng/ul	100
17) Hexachloroethane	8.66	117	1715826	161.557	ng/ul	92
20) Nitrobenzene	8.78	77	5850367	180.390	ng/ul	96
21) Isophorone	9.32	82	11859697	173.223	ng/ul	99
23) 2-Nitrophenol	9.48	139	2788441	223.107	ng/ul	98
24) 2,4-Dimethylphenol	9.56	107	5828371	163.631	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.79	93	6825421	170.947	ng/ul	100
27) 2,4-Dichlorophenol	10.02	162	4727401	172.288	ng/ul	96
28) Naphthalene	10.40	128	14331625	157.401	ng/ul	98
30) 4-Chloroaniline	10.52	127	4955351	146.378	ng/ul	99
31) Hexachlorobutadiene	10.70	225	2508166	135.348	ng/ul	98
32) Caprolactam	11.35	113	1013647	111.062	ng/ul	99
33) 4-Chloro-3-methylphenol	11.67	107	5961830	182.774	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	10860843	162.413	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	5272804	144.921	ng/ul	95
37) Hexachlorocyclopentadiene	12.39	237	3231894	149.746	ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	3986807	178.314	ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	4339601	181.603	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	13325775	144.953	ng/ul	94
41) 2-Chloronaphthalene	13.09	162	10813402	153.367	ng/ul	96
42) 2-Nitroaniline	13.30	65	4856423	256.291	ng/ul	97
44) Dimethylphthalate	13.70	163	14245930	155.776	ng/ul#	96
45) 2,6-Dinitrotoluene	13.82	165	3423112	248.794	ng/ul	97
47) Acenaphthylene	13.94	152	14731267	135.444	ng/ul#	87
48) 3-Nitroaniline	14.14	138	3383090	235.936	ng/ul	98
49) Acenaphthene	14.29	153	11741513	156.728	ng/ul	97
50) 2,4-Dinitrophenol	14.35	184	2368737	374.953	ng/ul	97
52) 4-Nitrophenol	14.48	109	2530960	176.080	ng/ul	95
53) Dibenzofuran	14.62	168	14779956	136.527	ng/ul	93
54) 2,4-Dinitrotoluene	14.60	165	4881732	240.659	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.86	232	3858676	195.889	ng/ul	97
56) Diethylphthalate	15.07	149	14253822	151.523	ng/ul	94
58) Fluorene	15.28	166	12568992	146.833	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.27	204	6212511	145.810	ng/ul	98
60) 4-Nitroaniline	15.33	138	4143311	242.381	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.38	198	3164406	263.722	ng/ul#	96
64) N-Nitrosodiphenylamine	15.50	169	12413788	147.310	ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	4478645	153.898	ng/ul	98
66) Hexachlorobenzene	16.29	284	4864051	158.038	ng/ul	93
67) Atrazine	16.47	200	4354874	141.779	ng/ul	99
68) Pentachlorophenol	16.63	266	3469905	196.948	ng/ul	95
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	5141955	132.003	ng/uL	98
73) Pentachlorobenzene	14.55	250	5036856	132.375	ng/uL	97
74) Carbazole	17.37	167	17319508	124.449	ng/ul#	83
75) Di-n-butylphthalate	18.06	149	9501	0.054	ng/ul#	89
76) Fluoranthene	18.97	202	35219	0.201	ng/ul#	49
80) Butylbenzylphthalate	20.32	149	11948871	186.186	ng/ul#	81
81) 3,3'-Dichlorobenzidine	21.10	252	9149945	161.672	ng/ul	95
82) Benzo(a)anthracene	21.33	228	12438	0.073	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.11	149	13129514	124.793	ng/ul#	76
84) Chrysene	21.33	228	28522	0.179	ng/ul	92
86) Di-n-octyl phthalate	21.97	149	2860650	14.272	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	711106	3.694	ng/ul#	92
88) Benzo(k)fluoranthene	22.74	252	711106	3.924	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.50	276	19272115	91.945	ng/ul	95
92) Dibenzo(a,h)anthracene	25.53	278	25866496	146.932	ng/ul	97
93) Benzo(g,h,i)perylene	26.17	276	27328565	155.364	ng/ul	96

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

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