Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032219\
Data File : BM019313.D
Acq On : 22 Mar 2019 15:15
Operator : JU/SJ
Sample : SSTD00806
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08056

Quant Time: Mar 22 16:18:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 16:14:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	134170	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	533887	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	286317	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	590920	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	651800	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	693897	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	109882	35.02	ng/uL	0.00
5) Phenol-d5	6.80	99	1003313	88.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	662970	94.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	778549	84.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	738402	84.32	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	356834	101.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	404614	126.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	721729	89.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	819082	83.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1936628	84.24	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2514544	84.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	341215	90.44	ng/ul	0.00
58) Fluorene-d10	15.27	176	1632062	81.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	355165	146.41	ng/ul	0.00
71) Anthracene-d10	17.13	188	2444098	85.73	ng/ul	0.00
79) Pyrene-d10	19.44	212	2547981	80.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	3158794	87.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	122130	37.407	ng/uL#	87
4) Benzaldehyde	6.78	77	736291	115.611	ng/ul	96
6) Phenol	6.83	94	1035595	91.676	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	778420	89.500	ng/ul	96
10) 2-Chlorophenol	7.18	128	793152	85.499	ng/ul	96
11) 2-Methylphenol	8.06	108	714546	84.399	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	372527	27.086	ng/ul#	84
14) Acetophenone	8.45	105	1191704	87.803	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.44	70	704051	103.664	ng/ul#	87
16) 4-Methylphenol	8.40	108	779890	87.147	ng/ul	99
17) Hexachloroethane	8.67	117	325990	89.467	ng/ul	83
20) Nitrobenzene	8.83	77	1013142	114.174	ng/ul	97
21) Isophorone	9.35	82	1750263	99.249	ng/ul	97
23) 2-Nitrophenol	9.53	139	432883	117.568	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	861701	90.694	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	1017882	93.378	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	708971	91.048	ng/ul	95
28) Naphthalene	10.45	128	2259158	82.294	ng/ul	99
30) 4-Chloroaniline	10.58	127	846156	86.436	ng/ul	97
31) Hexachlorobutadiene	10.71	225	409564	77.923	ng/ul	97
32) Caprolactam	11.40	113	109028	44.274	ng/ul	89
33) 4-Chloro-3-methylphenol	11.71	107	758840	92.983	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	1605965	83.027	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	1494628	77.271 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	774564	78.770 ng/ul#	95
38) Hexachlorocyclopentadiene	12.40	237	443719	72.473 ng/ul#	99
39) 2,4,6-Trichlorophenol	12.70	196	521513	93.138 ng/ul	97
40) 2,4,5-Trichlorophenol	12.77	196	547806	89.645 ng/ul	97
41) 1,1'-Biphenyl	13.10	154	2036886	85.517 ng/ul#	95
42) 2-Chloronaphthalene	13.15	162	1578284	84.669 ng/ul	99
43) 2-Nitroaniline	13.37	65	511127	124.475 ng/ul	90
45) Dimethylphthalate	13.75	163	1935913	86.163 ng/ul	98
46) 2,6-Dinitrotoluene	13.88	165	411009	119.103 ng/ul	96
48) Acenaphthylene	14.00	152	2443337	86.936 ng/ul	99
49) 3-Nitroaniline	14.22	138	367218	97.856 ng/ul	97
50) Acenaphthene	14.34	153	1656378	83.010 ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	246632	159.773 ng/ul#	79
53) 4-Nitrophenol	14.53	109	263805	90.736 ng/ul#	76
54) Dibenzofuran	14.68	168	2294933	83.827 ng/ul	97
55) 2,4-Dinitrotoluene	14.67	165	591566	116.577 ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	14.91	232	452252	91.499 ng/ul#	81
57) Diethylphthalate	15.12	149	1888755	84.853 ng/ul	97
59) Fluorene	15.33	166	1861225	82.753 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	921290	80.788 ng/ul	94
61) 4-Nitroaniline	15.39	138	411269	89.219 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.43	198	369351	135.789 ng/ul#	92
65) N-Nitrosodiphenylamine	15.55	169	1590378	87.007 ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	557359	83.365 ng/ul	98
67) Hexachlorobenzene	16.33	284	654362	90.944 ng/ul#	92
68) Atrazine	16.52	200	553888	85.738 ng/ul	97
69) Pentachlorophenol	16.69	266	375922	96.616 ng/ul	98
70) Phenanthrene	17.07	178	2785288	84.856 ng/ul	99
72) Anthracene	17.17	178	2915248	86.509 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	737103	75.367 ng/uL	99
74) Pentachlorobenzene	14.59	250	751857	85.222 ng/uL	97
75) Carbazole	17.45	167	2593246	87.541 ng/ul	98
76) Di-n-butylphthalate	18.00	149	3153574	91.499 ng/ul	99
77) Fluoranthene	19.10	202	3197578	84.982 ng/ul#	87
80) Pyrene	19.47	202	3287442	82.140 ng/ul#	86
81) Butylbenzylphthalate	20.37	149	1469280	99.269 ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.17	252	1231342	95.363 ng/ul#	99
83) Benzo(a)anthracene	21.23	228	3305316	81.914 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2170416	93.306 ng/ul#	96
85) Chrysene	21.28	228	3111471	82.685 ng/ul	100
87) Di-n-octyl phthalate	22.02	149	3751718	89.989 ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	3627164	87.332 ng/ul#	97
89) Benzo(k)fluoranthene	22.84	252	3366876	84.422 ng/ul#	96
91) Benzo(a)pyrene	23.37	252	3441750	86.936 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.72	276	4395071	93.064 ng/ul#	87
93) Dibenzo(a,h)anthracene	25.73	278	3757276	95.108 ng/ul#	96
94) Benzo(g,h,i)perylene	26.40	276	3587636	91.613 ng/ul#	93

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

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