Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008518.D
Acq On : 13 Nov 2019 12:24
Operator : JU
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01053

Quant Time: Nov 13 13:53:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 13:19:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	250457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1025950	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	672563	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1447226	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1363092	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	1499328	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	25167	4.41	ng/uL	0.00
5) Phenol-d5	6.81	99	212781	10.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	133181	10.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	163626	10.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	164404	10.11	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	64454	12.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	57661	9.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	161539	9.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	177876	10.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	527468	10.27	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	598610	9.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	66262	10.60	ng/ul	0.00
57) Fluorene-d10	15.26	176	446215	9.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	35266	4.48	ng/ul	0.00
70) Anthracene-d10	17.10	188	699986	9.91	ng/ul	0.00
78) Pyrene-d10	19.40	212	767903	10.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	775831	10.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	24818	3.872	ng/uL#	90
4) Benzaldehyde	6.79	77	149074	10.679	ng/ul	97
6) Phenol	6.84	94	215186	9.421	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	170742	10.107	ng/ul	94
10) 2-Chlorophenol	7.20	128	165800	10.261	ng/ul	97
11) 2-Methylphenol	8.07	108	161592	9.951	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	280139	16.421	ng/ul	99
14) Acetophenone	8.45	105	275294	9.639	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.44	70	140701	11.015	ng/ul	99
16) 4-Methylphenol	8.40	108	173561	9.761	ng/ul	100
17) Hexachloroethane	8.71	117	71079	10.016	ng/ul	98
20) Nitrobenzene	8.82	77	180684	11.703	ng/ul	97
21) Isophorone	9.34	82	400442	10.224	ng/ul	99
23) 2-Nitrophenol	9.52	139	65337	10.063	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	207189	10.461	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	232357	11.110	ng/ul	97
27) 2,4-Dichlorophenol	10.05	162	156896	9.812	ng/ul	94
28) Naphthalene	10.45	128	539506	9.820	ng/ul	99
30) 4-Chloroaniline	10.55	127	179881	10.434	ng/ul	97
31) Hexachlorobutadiene	10.75	225	110688	7.564	ng/ul	98
32) Caprolactam	11.29	113	48820	11.912	ng/ul	97
33) 4-Chloro-3-methylphenol	11.68	107	184767	10.472	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	393880	10.102	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	202702	7.919 ng/ul	98
37) Hexachlorocyclopentadiene	12.43	237	107307	11.033 ng/ul#	89
38) 2,4,6-Trichlorophenol	12.68	196	119314	8.768 ng/ul	91
39) 2,4,5-Trichlorophenol	12.75	196	122093	8.369 ng/ul	98
40) 1,1'-Biphenyl	13.09	154	513520	9.824 ng/ul	100
41) 2-Chloronaphthalene	13.13	162	399713	9.866 ng/ul	99
42) 2-Nitroaniline	13.32	65	89810	15.376 ng/ul	96
44) Dimethylphthalate	13.73	163	513227	10.140 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	62687	9.926 ng/ul#	93
47) Acenaphthylene	13.98	152	608076	9.946 ng/ul	98
48) 3-Nitroaniline	14.15	138	61852	9.879 ng/ul	94
49) Acenaphthene	14.33	153	424310	9.799 ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	19655	3.838 ng/ul	93
52) 4-Nitrophenol	14.46	109	66983	10.011 ng/ul	93
53) Dibenzofuran	14.66	168	614017	9.667 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	96595	9.511 ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	14.89	232	104190	7.459 ng/ul	99
56) Diethylphthalate	15.10	149	520881	11.183 ng/ul	97
58) Fluorene	15.31	166	491225	9.503 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	241714	8.200 ng/ul	96
60) 4-Nitroaniline	15.32	138	85946	12.818 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	38457	4.578 ng/ul#	91
64) N-Nitrosodiphenylamine	15.52	169	433515	11.435 ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	152672	8.776 ng/ul	96
66) Hexachlorobenzene	16.32	284	158641	8.015 ng/ul	99
67) Atrazine	16.48	200	158498	10.638 ng/ul	96
68) Pentachlorophenol	16.66	266	73054	6.361 ng/ul	98
69) Phenanthrene	17.05	178	783703	9.812 ng/ul	99
71) Anthracene	17.13	178	809446	10.112 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	199653	8.339 ng/uL	96
73) Pentachlorobenzene	14.59	250	196937	8.183 ng/uL	96
74) Carbazole	17.40	167	730726	10.708 ng/ul	99
75) Di-n-butylphthalate	18.00	149	886743	14.205 ng/ul	100
76) Fluoranthene	19.06	202	939441	9.180 ng/ul	99
79) Pyrene	19.43	202	980380	10.997 ng/ul	99
80) Butylbenzylphthalate	20.36	149	320929	16.965 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.12	252	295376	13.194 ng/ul	93
82) Benzo(a)anthracene	21.19	228	949254	10.248 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.16	149	547340	17.954 ng/ul	98
84) Chrysene	21.23	228	894760	9.984 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	928123	15.806 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	898779	9.536 ng/ul	98
88) Benzo(k)fluoranthene	22.77	252	896127	9.331 ng/ul	100
90) Benzo(a)pyrene	23.28	252	882875	9.990 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.53	276	973717	9.188 ng/ul	99
92) Dibenzo(a,h)anthracene	25.55	278	838326	9.529 ng/ul	99
93) Benzo(g,h,i)perylene	26.19	276	816683	9.198 ng/ul	99

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

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