

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051019\
 Data File : BN005586.D
 Acq On : 10 May 2019 11:31
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02006

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:26:03 AM

Quant Time: May 10 12:35:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	145770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	627847	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	402642	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	966106	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	939901	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	955818	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	18946	6.28	ng/uL	0.00
5) Phenol-d5	6.77	99	197038	17.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	108484	15.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	161916	18.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	161770	18.08	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	84092	21.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	93207	23.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	178308	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	213381	23.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	555108	18.99	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	681030	18.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	88098	19.09	ng/ul	0.00
57) Fluorene-d10	15.22	176	483700	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	94455	21.74	ng/ul	0.00
70) Anthracene-d10	17.07	188	772207	19.07	ng/ul	0.00
78) Pyrene-d10	19.39	212	862043	17.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	794364	19.02	ng/ul	0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.23	88	20219	6.227 ng/uL#	94
4) Benzaldehyde	6.74	77	134752	16.609 ng/ul	94
6) Phenol	6.79	94	203083	17.245 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	156918	16.642 ng/ul	89
10) 2-Chlorophenol	7.15	128	162255	17.913 ng/ul	95
11) 2-Methylphenol	8.02	108	157496	17.848 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.11	45	213647	13.494 ng/ul	95
14) Acetophenone	8.39	105	264586	18.473 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.38	70	126881	16.561 ng/ul#	90
16) 4-Methylphenol	8.35	108	174470	18.308 ng/ul	100
17) Hexachloroethane	8.64	117	71144	18.087 ng/ul	94
20) Nitrobenzene	8.77	77	189876	17.854 ng/ul	92
21) Isophorone	9.29	82	370354	17.588 ng/ul	98
23) 2-Nitrophenol	9.48	139	98861	22.270 ng/ul	98
24) 2,4-Dimethylphenol	9.54	107	195042	17.547 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	222497	16.814 ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	174479	19.687 ng/ul	98
28) Naphthalene	10.39	128	545399	18.686 ng/ul	99
30) 4-Chloroaniline	10.51	127	217272	23.034 ng/ul	98
31) Hexachlorobutadiene	10.68	225	122333	19.547 ng/ul	97
32) Caprolactam	11.26	113	59864m	22.325 ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	189227	18.962 ng/ul	93
34) 2-Methylnaphthalene	12.02	142	406591	19.025 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	238640	19.151	ng/ul#	96
37) Hexachlorocyclopentadiene	12.37	237	135194	15.913	ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	152170	20.252	ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	159579	19.764	ng/ul	96
40) 1,1'-Biphenyl	13.05	154	546380	18.212	ng/ul	98
41) 2-Chloronaphthalene	13.08	162	425097	18.424	ng/ul	96
42) 2-Nitroaniline	13.30	65	122191	19.966	ng/ul	87
44) Dimethylphthalate	13.68	163	556840	19.120	ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	115623	22.992	ng/ul#	87
47) Acenaphthylene	13.93	152	660719	18.728	ng/ul	99
48) 3-Nitroaniline	14.13	138	109041	23.324	ng/ul	92
49) Acenaphthene	14.28	153	449271	18.654	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	45178	18.443	ng/ul	91
52) 4-Nitrophenol	14.46	109	72976	17.420	ng/ul	97
53) Dibenzofuran	14.62	168	672508	19.394	ng/ul	96
54) 2,4-Dinitrotoluene	14.61	165	170015	23.452	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.86	232	145378	21.644	ng/ul	90
56) Diethylphthalate	15.06	149	562291	19.255	ng/ul	99
58) Fluorene	15.27	166	540499	19.975	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.27	204	295602	20.594	ng/ul	98
60) 4-Nitroaniline	15.30	138	125331	21.504	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.38	198	97325	21.045	ng/ul#	95
64) N-Nitrosodiphenylamine	15.49	169	481411	18.206	ng/ul	98
65) 4-Bromophenyl-phenylether	16.17	248	183365	18.840	ng/ul	95
66) Hexachlorobenzene	16.29	284	206752	19.949	ng/ul	92
67) Atrazine	16.45	200	180108	18.296	ng/ul	96
68) Pentachlorophenol	16.63	266	99110	16.332	ng/ul	97
69) Phenanthrene	17.02	178	878886	18.679	ng/ul	99
71) Anthracene	17.11	178	911874	19.025	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	245490	17.397	ng/uL	98
73) Pentachlorobenzene	14.55	250	237185	18.675	ng/uL	98
74) Carbazole	17.39	167	801828	19.474	ng/ul	97
75) Di-n-butylphthalate	17.96	149	964271	18.665	ng/ul	99
76) Fluoranthene	19.06	202	1066401	20.434	ng/ul	95
79) Pyrene	19.42	202	1080995	17.863	ng/ul	96
80) Butylbenzylphthalate	20.35	149	448186	18.706	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.15	252	358006	19.064	ng/ul#	97
82) Benzo(a)anthracene	21.20	228	1077768	18.432	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	645326	17.491	ng/ul#	95
84) Chrysene	21.26	228	1013101	18.669	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	1106228	18.897	ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	1034810	19.260	ng/ul#	97
88) Benzo(k)fluoranthene	22.83	252	960436	18.717	ng/ul#	98
90) Benzo(a)pyrene	23.34	252	950428	18.819	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.64	276	1038527	18.599	ng/ul	96
92) Dibenzo(a,h)anthracene	25.64	278	875490	18.476	ng/ul	96
93) Benzo(g,h,i)perylene	26.30	276	848459	18.377	ng/ul#	93

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

