

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
 Data File : BM023887.D
 Acq On : 26 Nov 2019 11:36
 Operator : JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02009

Manual Integrations
 APPROVED

mohammad
 11/27/2019 8:56:14 AM

Quant Time: Nov 26 13:39:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 26 13:12:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	365705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	1556520	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	995347	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	2013408	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1837306	20.00	ng/ul	0.00
86) Perylene-d12	23.27	264	2100366	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	62291	7.02	ng/uL	0.00
5) Phenol-d5	6.69	99	578424	17.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	335619	17.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	453141	18.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	463523	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	219197	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	254756	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	478265	17.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	581612	19.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.58	166	1413118	18.21	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	1666491	18.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	225493	17.02	ng/ul	0.00
58) Fluorene-d10	15.16	176	1186466	17.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	212532	18.25	ng/ul	0.00
71) Anthracene-d10	17.01	188	1757046m	18.40	ng/ul	0.00
79) Pyrene-d10	19.32	212	1785169	18.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.13	264	1997066	18.07	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.08	88	66667	7.013	ng/uL 90
4) Benzaldehyde	6.65	77	251760	12.873	ng/ul 99
6) Phenol	6.72	94	605363	17.628	ng/ul 96
8) Bis(2-Chloroethyl)ether	6.94	93	469002	17.832	ng/ul 98
10) 2-Chlorophenol	7.07	128	475921	19.110	ng/ul 99
11) 2-Methylphenol	7.95	108	454272	17.723	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.03	45	506813	19.752	ng/ul 95
14) Acetophenone	8.32	105	735096	17.724	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.31	70	404577	18.568	ng/ul 98
16) 4-Methylphenol	8.28	108	502820	17.716	ng/ul 98
17) Hexachloroethane	8.56	117	197851	20.025	ng/ul 89
20) Nitrobenzene	8.69	77	552455	18.754	ng/ul 95
21) Isophorone	9.22	82	1089801	18.965	ng/ul 99
23) 2-Nitrophenol	9.40	139	278482	21.380	ng/ul 97
24) 2,4-Dimethylphenol	9.47	107	553788	18.605	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.70	93	666846	18.492	ng/ul 99
27) 2,4-Dichlorophenol	9.93	162	472962	18.415	ng/ul 97
28) Naphthalene	10.32	128	1548435	18.927	ng/ul 100
30) 4-Chloroaniline	10.45	127	621822	20.632	ng/ul 100
31) Hexachlorobutadiene	10.61	225	287739	16.592	ng/ul 98
32) Caprolactam	11.25	113	140050	16.826	ng/ul 98
33) 4-Chloro-3-methylphenol	11.59	107	513962	18.029	ng/ul 99
34) 2-Methylnaphthalene	11.95	142	1142446	18.255	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	1106573	17.928	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.33	216	566767	17.427	ng/ul	96
38) Hexachlorocyclopentadiene	12.30	237	294743	17.301	ng/ul	97
39) 2,4,6-Trichlorophenol	12.58	196	381749	19.037	ng/ul	99
40) 2,4,5-Trichlorophenol	12.66	196	396253	18.144	ng/ul	98
41) 1,1'-Biphenyl	12.99	154	1504121	19.589	ng/ul	99
42) 2-Chloronaphthalene	13.02	162	1148141	19.427	ng/ul	98
43) 2-Nitroaniline	13.24	65	307430	21.870	ng/ul	96
45) Dimethylphthalate	13.63	163	1423191	18.710	ng/ul	100
46) 2,6-Dinitrotoluene	13.75	165	287411	20.745	ng/ul	99
48) Acenaphthylene	13.87	152	1755870	19.690	ng/ul	99
49) 3-Nitroaniline	14.07	138	238711	18.130	ng/ul	95
50) Acenaphthene	14.22	153	1223861	19.339	ng/ul	99
51) 2,4-Dinitrophenol	14.30	184	114101	13.063	ng/ul	94
53) 4-Nitrophenol	14.40	109	169346	15.838	ng/ul	90
54) Dibenzofuran	14.56	168	1728841	18.454	ng/ul	100
55) 2,4-Dinitrotoluene	14.55	165	416450	19.666	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.80	232	354287	17.139	ng/ul	91
57) Diethylphthalate	15.00	149	1416601	18.979	ng/ul	97
59) Fluorene	15.22	166	1397668	18.390	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.22	204	697598	17.009	ng/ul	95
61) 4-Nitroaniline	15.25	138	250261	15.518	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.32	198	233704	18.454	ng/ul	93
65) N-Nitrosodiphenylamine	15.43	169	1217445	20.609	ng/ul	99
66) 4-Bromophenyl-phenylether	16.11	248	454572	18.474	ng/ul	96
67) Hexachlorobenzene	16.23	284	524734	18.101	ng/ul	97
68) Atrazine	16.40	200	408147	18.444	ng/ul	97
69) Pentachlorophenol	16.57	266	268460	15.619	ng/ul	100
70) Phenanthrene	16.96	178	2134601	19.248	ng/ul	99
72) Anthracene	17.04	178	2183328	19.579	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.95	216	553955	19.407	ng/uL	98
74) Pentachlorobenzene	14.49	250	593871	18.830	ng/uL	99
75) Carbazole	17.32	167	1888505	20.316	ng/ul	99
76) Di-n-butylphthalate	17.90	149	2300148	22.439	ng/ul	100
77) Fluoranthene	18.98	202	2333652	19.641	ng/ul#	93
80) Pvrene	19.34	202	2398699	20.198	ng/ul	95
81) Butylbenzylphthalate	20.27	149	1012110	26.908	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.04	252	773238	20.054	ng/ul#	99
83) Benzo(a)anthracene	21.10	228	2304523	19.016	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1464459	25.787	ng/ul	98
85) Chrysene	21.16	228	2172432	19.041	ng/ul	100
87) Di-n-octyl phthalate	21.92	149	2461629	23.979	ng/ul	100
88) Benzo(b)fluoranthene	22.63	252	2362586	17.646	ng/ul	99
89) Benzo(k)fluoranthene	22.67	252	2400211	18.607	ng/ul#	98
91) Benzo(a)pyrene	23.18	252	2312235	18.864	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.40	276	2794297	21.320	ng/ul	97
93) Dibenzo(a,h)anthracene	25.41	278	2364967	21.381	ng/ul	98
94) Benzo(a,h,i)perylene	26.05	276	2344348	22.073	ng/ul	98

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

