

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029789.D
 Acq On : 04 May 2021 14:56
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV019

Manual Integrations
 APPROVED

mohammad
 5/5/2021 11:26:34 AM

Quant Time: May 04 15:41:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 04 14:23:48 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	120962	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	486573	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	293794	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	576095	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	620796	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	676312	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	24094	7.36	ng/uL	0.00
4) Pyridine-d5	3.50	84	136664	18.24	ng/ul	0.00
7) Phenol-d5	6.75	99	191003	18.19	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	117126	18.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	166422	19.89	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	155549	18.55	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	70825	19.59	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	79679	20.18	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	147577	19.99	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	195485	18.17	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	425964	19.41	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	564540	19.67	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	58692	17.39	ng/ul	0.00
60) Fluorene-d10	15.22	176	356793	19.11	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	70414	18.21	ng/ul	0.00
73) Anthracene-d10	17.06	188	546354	19.18	ng/ul	0.00
81) Pyrene-d10	19.36	212	617516	19.39	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.18	264	739865	19.48	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.11	88	25374	7.029	ng/uL 96
5) Pyridine	3.52	79	141566	17.937	ng/ul 96
6) Benzaldehyde	6.72	77	118253m	20.892	ng/ul
8) Phenol	6.78	94	198214	18.546	ng/ul 98
10) Bis(2-Chloroethyl)ether	7.01	93	154157	18.443	ng/ul 98
12) 2-Chlorophenol	7.13	128	169209	20.031	ng/ul 98
13) 2-Methylphenol	8.02	108	146904	18.316	ng/ul 98
14) 2,2'-oxybis(1-Chloropropan	8.10	45	249335	19.131	ng/ul 99
16) Acetophenone	8.39	105	234253	18.391	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.38	70	129485	19.283	ng/ul 98
18) 4-Methylphenol	8.35	108	159505	18.687	ng/ul 96
19) Hexachloroethane	8.63	117	69649	18.588	ng/ul 95
22) Nitrobenzene	8.77	77	179768	19.777	ng/ul 99
23) Isophorone	9.29	82	338598	19.833	ng/ul 99
25) 2-Nitrophenol	9.47	139	88466	20.620	ng/ul 96
26) 2,4-Dimethylphenol	9.54	107	174666	19.772	ng/ul 96
27) Bis(2-Chloroethoxy)methane	9.77	93	199819	19.944	ng/ul 99
29) 2,4-Dichlorophenol	10.00	162	144801	20.380	ng/ul 97
30) Naphthalene	10.39	128	525377	19.629	ng/ul 98
32) 4-Chloroaniline	10.52	127	207277	18.976	ng/ul 99
33) Hexachlorobutadiene	10.68	225	93579	19.114	ng/ul 97
34) Caprolactam	11.32	113	40533	17.677	ng/ul 95

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35) 4-Chloro-3-methylphenol	11.65	107	149099	20.174	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	358835	19.663	ng/ul	99
37) 1-Methylnaphthalene	12.24	142	360682	19.819	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	182087	19.562	ng/ul	98
40) Hexachlorocyclopentadiene	12.37	237	78810	17.054	ng/ul	97
41) 2,4,6-Trichlorophenol	12.64	196	110831	20.137	ng/ul	96
42) 2,4,5-Trichlorophenol	12.72	196	115694	19.535	ng/ul	99
43) 1,1'-Biphenyl	13.04	154	450633	19.366	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	347285	19.433	ng/ul	96
45) 2-Nitroaniline	13.30	65	92206	19.594	ng/ul	97
47) Dimethylphthalate	13.69	163	422666	19.305	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	85511	20.096	ng/ul	96
50) Acenaphthylene	13.94	152	549617	19.648	ng/ul	99
51) 3-Nitroaniline	14.14	138	78620	17.450	ng/ul	98
52) Acenaphthene	14.28	153	385109	19.493	ng/ul	100
53) 2,4-Dinitrophenol	14.36	184	49744	20.368	ng/ul	94
55) 4-Nitrophenol	14.46	109	40202	16.767	ng/ul	89
56) Dibenzofuran	14.62	168	519510	19.625	ng/ul	97
57) 2,4-Dinitrotoluene	14.60	165	123707	20.596	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.85	232	104484	19.881	ng/ul	99
59) Diethylphthalate	15.06	149	428778	19.203	ng/ul	98
61) Fluorene	15.27	166	432838	19.428	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	205116	19.091	ng/ul	97
63) 4-Nitroaniline	15.31	138	86096m	18.995	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	69179	18.415	ng/ul	99
67) N-Nitrosodiphenylamine	15.49	169	371420	19.704	ng/ul	100
68) 4-Bromophenyl-phenylether	16.16	248	122069	18.956	ng/ul	99
69) Hexachlorobenzene	16.27	284	144619	19.144	ng/ul	100
70) Atrazine	16.44	200	123070	18.269	ng/ul	98
71) Pentachlorophenol	16.63	266	71985	17.318	ng/ul	93
72) Phenanthrene	17.00	178	659405	19.292	ng/ul	99
74) Anthracene	17.10	178	672447	19.321	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	189905	19.177	ng/uL	99
76) Pentachlorobenzene	14.54	250	174575	19.304	ng/uL	97
77) Carbazole	17.37	167	578737	18.202	ng/ul	99
78) Di-n-butylphthalate	17.94	149	709871	19.309	ng/ul	100
80) Fluoranthene	19.03	202	750543	19.413	ng/ul	100
82) Pyrene	19.39	202	798486	19.401	ng/ul	99
83) Butylbenzylphthalate	20.30	149	321102	19.686	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.08	252	273716	18.884	ng/ul	98
85) Benzo(a)anthracene	21.14	228	786629	19.513	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.08	149	498273	19.435	ng/ul	99
87) Chrysene	21.19	228	789305	19.349	ng/ul	100
89) Di-n-octyl phthalate	21.94	149	864556	17.893	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	829692	18.757	ng/ul	99
91) Benzo(k)fluoranthene	22.71	252	863530	19.892	ng/ul	99
93) Benzo(a)pyrene	23.23	252	772260	19.493	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.48	276	1025915	19.507	ng/ul	98
95) Dibenzo(a,h)anthracene	25.49	278	863878	19.651	ng/ul	99
96) Benzo(g,h,i)perylene	26.14	276	854729	19.479	ng/ul	99

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

