

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100521\
 Data File : BM032328.D
 Acq On : 05 Oct 2021 12:15
 Operator : CG/JU
 Sample : SST01047
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST010047

Manual Integrations
 APPROVED

mohammad
 10/8/2021 8:33:30 AM

Quant Time: Oct 05 13:38:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 05 13:36:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	278637	20.00	ng/ul	0.00
20) Naphthalene-d8	10.413	136	1182439	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.272	164	792082	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1657154	20.00	ng/ul	0.00
79) Chrysene-d12	21.159	240	1636167	20.00	ng/ul	0.00
88) Perylene-d12	23.306	264	1678167	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.961	96	26057	3.95	ng/uL	0.00
4) Pyridine-d5	3.390	84	177047	9.45	ng/ul	0.00
7) Phenol-d5	6.807	99	205555	9.29	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.948	67	126297	9.50	ng/ul	0.00
11) 2-Chlorophenol-d4	7.160	132	164411	9.57	ng/ul	0.00
15) 4-Methylphenol-d8	8.348	113	164484	9.51	ng/ul	0.00
21) Nitrobenzene-d5	8.778	128	72607	10.28	ng/ul	0.00
24) 2-Nitrophenol-d4	9.501	143	75084	10.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.042	165	163348	9.57	ng/ul	0.00
31) 4-Chloroaniline-d4	10.548	131	234305	10.15	ng/ul	0.00
46) Dimethylphthalate-d6	13.672	166	514241	9.99	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	619512	9.47	ng/ul	0.00
54) 4-Nitrophenol-d4	14.472	143	82664	9.87	ng/ul	0.00
60) Fluorene-d10	15.260	176	447469	10.19	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	66032	8.43	ng/ul	0.00
73) Anthracene-d10	17.095	188	694572	10.05	ng/ul	0.00
81) Pyrene-d10	19.377	212	777350	9.03	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	807608	10.25	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.002	88	28827	3.98	ng/uL	96
5) Pyridine	3.413	79	177158	9.54	ng/ul	96
6) Benzaldehyde	6.748	77	131152	10.53	ng/ul	98
8) Phenol	6.837	94	213233	9.51	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.043	93	175209	9.81	ng/ul	100
12) 2-Chlorophenol	7.196	128	173032	9.66	ng/ul	98
13) 2-Methylphenol	8.084	108	159533	9.40	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.154	45	216239	8.79	ng/ul	100
16) Acetophenone	8.443	105	269533	10.28	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.431	70	130169	9.74	ng/ul	98
18) 4-Methylphenol	8.413	108	176156	9.88	ng/ul	98
19) Hexachloroethane	8.713	117	68004	9.25	ng/ul	97
22) Nitrobenzene	8.819	77	183633	10.08	ng/ul	98
23) Isophorone	9.337	82	346737	9.14	ng/ul	99
25) 2-Nitrophenol	9.531	139	86299	10.12	ng/ul	98
26) 2,4-Dimethylphenol	9.607	107	196430	9.67	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.825	93	240507	9.92	ng/ul	98
29) 2,4-Dichlorophenol	10.072	162	162007	9.65	ng/ul	98
30) Naphthalene	10.466	128	580433	10.00	ng/ul	99
32) 4-Chloroaniline	10.572	127	240557	10.22	ng/ul	99
33) Hexachlorobutadiene	10.772	225	107345	9.30	ng/ul	99
34) Caprolactam	11.289	113	47592	9.29	ng/ul	98
35) 4-Chloro-3-methylphenol	11.707	107	176780	9.77	ng/ul	99
36) 2-Methylnaphthalene	12.078	142	397549	10.20	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.301	142	406534	10.25	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.460	216	210313	9.30	ng/ul	99
40) Hexachlorocyclopentadiene	12.454	237	108207	8.93	ng/ul	98
41) 2,4,6-Trichlorophenol	12.701	196	124933	8.83	ng/ul	99
42) 2,4,5-Trichlorophenol	12.772	196	140237	9.34	ng/ul	100
43) 1,1'-Biphenyl	13.101	154	551035	9.82	ng/ul	100
44) 2-Chloronaphthalene	13.136	162	412152	9.74	ng/ul	98
45) 2-Nitroaniline	13.342	65	95901	10.03	ng/ul	94
47) Dimethylphthalate	13.719	163	518906	10.11	ng/ul	100
48) 2,6-Dinitrotoluene	13.836	165	84861	9.95	ng/ul	95
50) Acenaphthylene	13.989	152	672309	9.79	ng/ul	99
51) 3-Nitroaniline	14.166	138	94259	10.11	ng/ul	100
52) Acenaphthene	14.336	153	448773	10.05	ng/ul	99
53) 2,4-Dinitrophenol	14.366	184	36952m	7.93	ng/ul	
55) 4-Nitrophenol	14.483	109	70977	10.39	ng/ul	97
56) Dibenzofuran	14.666	168	656013	10.23	ng/ul	100
57) 2,4-Dinitrotoluene	14.624	165	130775	11.00	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.901	232	109795	8.96	ng/ul	99
59) Diethylphthalate	15.083	149	516447	10.29	ng/ul	99
61) Fluorene	15.313	166	521984	10.49	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.307	204	265547	10.56	ng/ul	99
63) 4-Nitroaniline	15.324	138	94620	11.58	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.389	198	67618	8.75	ng/ul	99
67) N-Nitrosodiphenylamine	15.519	169	447293	9.68	ng/ul	99
68) 4-Bromophenyl-phenylether	16.195	248	152341	9.63	ng/ul	98
69) Hexachlorobenzene	16.330	284	175341	9.11	ng/ul	99
70) Atrazine	16.460	200	155791	9.54	ng/ul	99
71) Pentachlorophenol	16.666	266	83325	7.54	ng/ul	100
72) Phenanthrene	17.036	178	839518	10.15	ng/ul	99
74) Anthracene	17.124	178	848485	10.23	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.072	216	221419	8.67	ng/uL	99
76) Pentachlorobenzene	14.601	250	222685	9.00	ng/uL	99
77) Carbazole	17.395	167	748520	10.67	ng/ul	98
78) Di-n-butylphthalate	17.954	149	819914	10.18	ng/ul	99
80) Fluoranthene	19.048	202	974651	9.12	ng/ul	100
82) Pyrene	19.407	202	1024288	9.35	ng/ul	98
83) Butylbenzylphthalate	20.301	149	338338	10.74	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.077	252	325703	12.00	ng/ul	98
85) Benzo(a)anthracene	21.148	228	949477	10.30	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.071	149	496033	10.64	ng/ul	100
87) Chrysene	21.195	228	961264	10.35	ng/ul	100
89) Di-n-octyl phthalate	21.912	149	846161	9.92	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	1000335	10.09	ng/ul	99
91) Benzo(k)fluoranthene	22.706	252	929111	9.89	ng/ul	100
93) Benzo(a)pyrene	23.212	252	951854	10.17	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.430	276	1040336	10.91	ng/ul	99
95) Dibenzo(a,h)anthracene	25.430	278	904982	11.44	ng/ul	99
96) Benzo(g,h,i)perylene	26.083	276	888280	10.51	ng/ul	98

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

