

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030817.D
 Acq On : 06 Jul 2021 12:05
 Operator : CG/JU
 Sample : SST02004
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020104

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:10:53 PM

Quant Time: Jul 06 13:26:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 13:25:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	78424	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	328729	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	206141	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	393033	20.00	ng/ul	0.00
79) Chrysene-d12	21.303	240	335662	20.00	ng/ul	0.00
88) Perylene-d12	23.550	264	324753	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	15918	8.23	ng/uL	0.00
4) Pyridine-d5	3.675	84	98814	19.01	ng/ul	0.00
7) Phenol-d5	6.934	99	127883	18.91	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	85084	20.01	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	104110	19.94	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	100854	19.16	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	48741	19.87	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	54018	19.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	102714	19.67	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	137433	18.87	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	286274	20.11	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	366147	19.82	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	45695	16.95	ng/ul	0.00
60) Fluorene-d10	15.386	176	253421	20.07	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	42267	16.44	ng/ul	0.00
73) Anthracene-d10	17.233	188	364157	19.85	ng/ul	0.00
81) Pyrene-d10	19.521	212	361831	20.57	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	331882	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	16504	8.02	ng/uL	100
5) Pyridine	3.693	79	107571	19.23	ng/ul	100
6) Benzaldehyde	6.916	77	86263m	26.23	ng/ul	
8) Phenol	6.957	94	130197	19.04	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.192	93	103183	19.14	ng/ul	100
12) 2-Chlorophenol	7.334	128	104543	19.87	ng/ul	100
13) 2-Methylphenol	8.204	108	94747	19.12	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.292	45	172749	20.22	ng/ul	100
16) Acetophenone	8.587	105	160992	19.81	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.569	70	85560	21.28	ng/ul	100
18) 4-Methylphenol	8.534	108	104082	19.29	ng/ul	100
19) Hexachloroethane	8.834	117	44055	19.99	ng/ul	100
22) Nitrobenzene	8.963	77	126248	20.40	ng/ul	100
23) Isophorone	9.486	82	217790	20.32	ng/ul	100
25) 2-Nitrophenol	9.669	139	58074	20.06	ng/ul	100
26) 2,4-Dimethylphenol	9.728	107	118725	20.29	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.969	93	137692	19.75	ng/ul	100
29) 2,4-Dichlorophenol	10.198	162	100274	20.04	ng/ul	100
30) Naphthalene	10.598	128	328378	19.73	ng/ul	100
32) 4-Chloroaniline	10.716	127	140643	19.45	ng/ul	100
33) Hexachlorobutadiene	10.881	225	66863	19.77	ng/ul	100
34) Caprolactam	11.498	113	26326	18.13	ng/ul	100
35) 4-Chloro-3-methylphenol	11.833	107	100906	20.54	ng/ul	100
36) 2-Methylnaphthalene	12.210	142	233873	20.14	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.433	142	235324	20.02	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.586	216	124944	19.43	ng/ul	100
40) Hexachlorocyclopentadiene	12.563	237	65353	15.57	ng/ul	100
41) 2,4,6-Trichlorophenol	12.827	196	78967	19.50	ng/ul	100
42) 2,4,5-Trichlorophenol	12.898	196	83485	19.31	ng/ul	100
43) 1,1'-Biphenyl	13.227	154	299566	19.69	ng/ul	100
44) 2-Chloronaphthalene	13.269	162	236474	19.77	ng/ul	100
45) 2-Nitroaniline	13.480	65	66966	20.83	ng/ul	100
47) Dimethylphthalate	13.857	163	279711	20.06	ng/ul	100
48) 2,6-Dinitrotoluene	13.974	165	54675	20.35	ng/ul	100
50) Acenaphthylene	14.116	152	341470	19.92	ng/ul	100
51) 3-Nitroaniline	14.310	138	55062	19.24	ng/ul	100
52) Acenaphthene	14.457	153	246390	19.81	ng/ul	100
53) 2,4-Dinitrophenol	14.521	184	24446	13.84	ng/ul	100
55) 4-Nitrophenol	14.610	109	38802	17.99	ng/ul	100
56) Dibenzofuran	14.792	168	349254	20.14	ng/ul	100
57) 2,4-Dinitrotoluene	14.768	165	76380	20.30	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.021	232	69028	19.73	ng/ul	100
59) Diethylphthalate	15.216	149	275451	20.56	ng/ul	100
61) Fluorene	15.445	166	281287	19.68	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.439	204	141168	19.84	ng/ul	100
63) 4-Nitroaniline	15.468	138	54394	19.96	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.527	198	41833	16.72	ng/ul	100
67) N-Nitrosodiphenylamine	15.651	169	235142	20.07	ng/ul	100
68) 4-Bromophenyl-phenylether	16.327	248	81802	20.40	ng/ul	100
69) Hexachlorobenzene	16.445	284	93099	20.07	ng/ul	100
70) Atrazine	16.604	200	77607	18.68	ng/ul	100
71) Pentachlorophenol	16.792	266	49196	16.92	ng/ul	100
72) Phenanthrene	17.174	178	411967	19.52	ng/ul	100
74) Anthracene	17.268	178	424515	19.67	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.192	216	122126	19.48	ng/uL	100
76) Pentachlorobenzene	14.716	250	118884	19.91	ng/uL	100
77) Carbazole	17.539	167	355507	18.37	ng/ul	100
78) Di-n-butylphthalate	18.098	149	417945	21.20	ng/ul	100
80) Fluoranthene	19.186	202	445924	20.76	ng/ul	100
82) Pyrene	19.551	202	465043	20.60	ng/ul	100
83) Butylbenzylphthalate	20.445	149	155784	20.97	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.227	252	132110	19.97	ng/ul	100
85) Benzo(a)anthracene	21.292	228	416186	19.98	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	231809	21.69	ng/ul	100
87) Chrysene	21.345	228	408726	20.13	ng/ul	100
89) Di-n-octyl phthalate	22.097	149	360389	19.29	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	409014	19.84	ng/ul	100
91) Benzo(k)fluoranthene	22.921	252	400393	20.21	ng/ul	100
93) Benzo(a)pyrene	23.456	252	367055	19.80	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.827	276	458684	19.65	ng/ul	100
95) Dibenzo(a,h)anthracene	25.838	278	384888	19.89	ng/ul	100
96) Benzo(g,h,i)perylene	26.527	276	374737	19.24	ng/ul	100

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

