

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
 Data File : BM031936.D
 Acq On : 28 Aug 2021 17:30
 Operator : CG/JU
 Sample : SST04021
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040021

Manual Integrations
 APPROVED

mohammad
 8/30/2021 10:35:17 AM

Quant Time: Aug 30 09:11:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 29 00:36:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	83731	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	375389	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	289542	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	643745	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.109	240	738578	20.000	ng/u1	0.00
88) Perylene-d12	23.250	264	787688	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	27353	15.073	ng/uL	0.00
4) Pyridine-d5	3.522	84	206796	40.129	ng/u1	0.00
7) Phenol-d5	6.704	99	273996	39.462	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	159400	39.678	ng/u1	0.00
11) 2-Chlorophenol-d4	7.051	132	227254	42.533	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	236426	39.689	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	116080	42.574	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	139651	43.279	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	273728	42.281	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	352005	38.545	ng/u1	0.00
46) Dimethylphthalate-d6	13.580	166	891281	40.681	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	1078254	41.557	ng/u1	0.00
54) 4-Nitrophenol-d4	14.392	143	160112	40.375	ng/u1	0.00
60) Fluorene-d10	15.151	176	778479	40.421	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	177530	40.135	ng/u1	0.00
73) Anthracene-d10	17.010	188	1257632	41.159	ng/u1	0.00
81) Pyrene-d10	19.309	212	1441765	41.676	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.121	264	1705199	41.191	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	30073	13.745	ng/uL#	88
5) Pyridine	3.540	79	212584	40.126	ng/u1	87
6) Benzaldehyde	6.681	77	164972m	52.499	ng/u1	
8) Phenol	6.734	94	273655	39.167	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.957	93	212146	39.866	ng/u1	94
12) 2-Chlorophenol	7.081	128	224489	42.075	ng/u1	95
13) 2-Methylphenol	7.957	108	212133	39.378	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.045	45	274779	39.734	ng/u1#	91
16) Acetophenone	8.334	105	370006	39.658	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.328	70	194706	42.777	ng/u1	94
18) 4-Methylphenol	8.287	108	237908	39.769	ng/u1	94
19) Hexachloroethane	8.557	117	95430	41.754	ng/u1	94
22) Nitrobenzene	8.704	77	280159	40.700	ng/u1	97
23) Isophorone	9.228	82	533265	42.092	ng/u1#	97
25) 2-Nitrophenol	9.404	139	144638	43.029	ng/u1	94
26) 2,4-Dimethylphenol	9.469	107	283122	41.378	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.710	93	310985	41.410	ng/u1	99
29) 2,4-Dichlorophenol	9.928	162	261253	42.425	ng/u1	97
30) Naphthalene	10.316	128	766229	40.773	ng/u1	99
32) 4-Chloroaniline	10.445	127	353065	38.757	ng/u1	100
33) Hexachlorobutadiene	10.592	225	165549	40.524	ng/u1	99
34) Caprolactam	11.251	113	83873m	40.717	ng/u1	
35) 4-Chloro-3-methylphenol	11.581	107	276220	42.774	ng/u1	100
36) 2-Methylnaphthalene	11.939	142	612249	41.320	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	621165	41.159	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.316	216	339769	40.880	ng/ul	100
40) Hexachlorocyclopentadiene	12.286	237	176298	39.409	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	234764	42.163	ng/ul	98
42) 2,4,5-Trichlorophenol	12.645	196	254779	42.136	ng/ul	99
43) 1,1'-Biphenyl	12.975	154	827908	40.650	ng/ul	98
44) 2-Chloronaphthalene	13.016	162	650979	40.345	ng/ul	99
45) 2-Nitroaniline	13.239	65	189913	42.721	ng/ul	94
47) Dimethylphthalate	13.627	163	866912	40.298	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	185121	43.619	ng/ul	98
50) Acenaphthylene	13.869	152	986558	41.323	ng/ul	99
51) 3-Nitroaniline	14.080	138	176090	44.337	ng/ul	94
52) Acenaphthene	14.216	153	702522	40.516	ng/ul	98
53) 2,4-Dinitrophenol	14.298	184	118181	39.827	ng/ul	94
55) 4-Nitrophenol	14.410	109	145825	39.831	ng/ul	88
56) Dibenzofuran	14.557	168	1029105	40.245	ng/ul	98
57) 2,4-Dinitrotoluene	14.551	165	275824	43.332	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.792	232	228481	42.092	ng/ul#	98
59) Diethylphthalate	15.004	149	900078	40.937	ng/ul	99
61) Fluorene	15.210	166	885392	40.921	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	447554	40.388	ng/ul	98
63) 4-Nitroaniline	15.257	138	167991m	46.255	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.316	198	172831	40.184	ng/ul#	98
67) N-Nitrosodiphenylamine	15.433	169	766763	41.476	ng/ul	98
68) 4-Bromophenyl-phenylether	16.110	248	270426	40.993	ng/ul	100
69) Hexachlorobenzene	16.210	284	313639	40.949	ng/ul	97
70) Atrazine	16.404	200	289813	41.607	ng/ul	97
71) Pentachlorophenol	16.563	266	197567	39.445	ng/ul	97
72) Phenanthrene	16.951	178	1439065	40.930	ng/ul	99
74) Anthracene	17.045	178	1480981	41.157	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.933	216	343877	41.050	ng/uL	98
76) Pentachlorobenzene	14.469	250	362438	41.241	ng/uL	99
77) Carbazole	17.321	167	1312905	39.866	ng/ul	99
78) Di-n-butylphthalate	17.892	149	1621050	42.956	ng/ul	99
80) Fluoranthene	18.974	202	1746704	41.552	ng/ul	96
82) Pyrene	19.339	202	1825080	41.008	ng/ul	95
83) Butylbenzylphthalate	20.262	149	770222	44.074	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.039	252	704837	42.390	ng/ul	98
85) Benzo(a)anthracene	21.098	228	1874374	40.799	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.045	149	1247580	44.266	ng/ul#	98
87) Chrysene	21.150	228	1788383	40.471	ng/ul	99
89) Di-n-octyl phthalate	21.897	149	2126551	39.572	ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	2069606m	41.240	ng/ul	
91) Benzo(k)fluoranthene	22.662	252	1967938	40.505	ng/ul#	98
93) Benzo(a)pyrene	23.162	252	1845161	40.716	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.362	276	2323094	40.053	ng/ul	94
95) Dibenzo(a,h)anthracene	25.374	278	1963637	40.255	ng/ul#	96
96) Benzo(g,h,i)perylene	26.003	276	1900417	39.568	ng/ul	96

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

