

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
 Data File : BP006621.D
 Acq On : 10 Aug 2021 13:26
 Operator : CG/JU
 Sample : SST04011
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST040611

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:27:40 PM

Quant Time: Aug 10 13:53:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 13:23:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	150460	20.000	ng/u1	0.00
20) Naphthalene-d8	10.510	136	686137	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	407268	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	794233	20.000	ng/u1	0.00
79) Chrysene-d12	21.215	240	769634	20.000	ng/u1	0.00
88) Perylene-d12	23.533	264	803186	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	68927	17.100	ng/uL	0.00
4) Pyridine-d5	3.634	84	501959	41.948	ng/u1	0.00
7) Phenol-d5	6.904	99	589583	41.723	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	363262	41.315	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	456403	43.473	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	478312	43.042	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	235979	46.189	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	251230	51.501	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	417018	43.625	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	652596	41.467	ng/u1	0.00
46) Dimethylphthalate-d6	13.786	166	1236353	42.653	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1549457	43.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	256875	44.632	ng/u1	0.00
60) Fluorene-d10	15.357	176	1005564	41.267	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	209030	47.210	ng/u1	0.00
73) Anthracene-d10	17.216	188	1515640	42.274	ng/u1	0.00
81) Pyrene-d10	19.463	212	1613588	40.762	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.386	264	1710816	41.916	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	73323	17.229	ng/uL	96
5) Pyridine	3.652	79	516561	41.393	ng/u1	98
6) Benzaldehyde	6.875	77	365925	47.462	ng/u1	97
8) Phenol	6.928	94	600887	41.599	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.157	93	460410	40.522	ng/u1	99
12) 2-Chlorophenol	7.287	128	458707	43.097	ng/u1	99
13) 2-Methylphenol	8.169	108	444260	42.147	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.263	45	540900	42.613	ng/u1	99
16) Acetophenone	8.551	105	751837	43.997	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.540	70	422691	47.281	ng/u1	99
18) 4-Methylphenol	8.504	108	487278	43.051	ng/u1	95
19) Hexachloroethane	8.787	117	196625	45.162	ng/u1	97
22) Nitrobenzene	8.922	77	602803	45.476	ng/u1	98
23) Isophorone	9.451	82	1131882	47.765	ng/u1	99
25) 2-Nitrophenol	9.628	139	261666	48.643	ng/u1	99
26) 2,4-Dimethylphenol	9.698	107	559403	43.849	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.940	93	650222	42.729	ng/u1	100
29) 2,4-Dichlorophenol	10.163	162	400607	42.715	ng/u1	98
30) Naphthalene	10.557	128	1477149	41.494	ng/u1	100
32) 4-Chloroaniline	10.675	127	643731	41.523	ng/u1	99
33) Hexachlorobutadiene	10.840	225	229768	40.159	ng/u1	97
34) Caprolactam	11.475	113	156510m	48.329	ng/u1	
35) 4-Chloro-3-methylphenol	11.810	107	520111	46.456	ng/u1	97
36) 2-Methylnaphthalene	12.175	142	1021849	41.891	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	1026195	41.795	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.545	216	437026	39.819	ng/ul	96
40) Hexachlorocyclopentadiene	12.522	237	276857	38.776	ng/ul	99
41) 2,4,6-Trichlorophenol	12.792	196	304846	44.824	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	329210	44.242	ng/ul	98
43) 1,1'-Biphenyl	13.198	154	1252641	41.030	ng/ul	99
44) 2-Chloronaphthalene	13.234	162	946076	41.044	ng/ul	99
45) 2-Nitroaniline	13.445	65	360890	53.001	ng/ul	100
47) Dimethylphthalate	13.833	163	1206128	42.391	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	250061	48.075	ng/ul	93
50) Acenaphthylene	14.081	152	1477477	42.603	ng/ul	99
51) 3-Nitroaniline	14.281	138	289513	47.503	ng/ul	95
52) Acenaphthene	14.428	153	1045139	41.075	ng/ul	100
53) 2,4-Dinitrophenol	14.486	184	150583	48.812	ng/ul	99
55) 4-Nitrophenol	14.598	109	229363	49.269	ng/ul	98
56) Dibenzofuran	14.763	168	1402536	41.102	ng/ul	99
57) 2,4-Dinitrotoluene	14.739	165	366967	49.369	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.992	232	265039	45.674	ng/ul	98
59) Diethylphthalate	15.204	149	1286688	43.662	ng/ul	99
61) Fluorene	15.416	166	1166869	41.571	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	526191	40.210	ng/ul	99
63) 4-Nitroaniline	15.445	138	286777	47.909	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.504	198	203211	46.949	ng/ul	96
67) N-Nitrosodiphenylamine	15.633	169	977280	41.420	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	309789	48.704	ng/ul	98
69) Hexachlorobenzene	16.416	284	348492	40.854	ng/ul	100
70) Atrazine	16.598	200	342408	41.935	ng/ul	99
71) Pentachlorophenol	16.769	266	227529	42.429	ng/ul	99
72) Phenanthrene	17.163	178	1779120	41.716	ng/ul	99
74) Anthracene	17.251	178	1816563	42.008	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	437433	40.180	ng/ul	97
76) Pentachlorobenzene	14.681	250	427422	40.272	ng/ul	97
77) Carbazole	17.527	167	1676311	42.377	ng/ul	100
78) Di-n-butylphthalate	18.092	149	2199968	46.533	ng/ul	100
80) Fluoranthene	19.133	202	2009688	41.201	ng/ul	99
82) Pyrene	19.492	202	2057620	40.652	ng/ul	98
83) Butylbenzylphthalate	20.380	149	1026262	49.415	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.145	252	701771	41.384	ng/ul	97
85) Benzo(a)anthracene	21.204	228	1957799	41.052	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.145	149	1572287	48.354	ng/ul	98
87) Chrysene	21.257	228	1888324	41.309	ng/ul	100
89) Di-n-octyl phthalate	22.045	149	2689518	48.051	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	2116808	41.493	ng/ul	99
91) Benzo(k)fluoranthene	22.880	252	1943474	40.139	ng/ul	99
93) Benzo(a)pyrene	23.433	252	1851278	41.515	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.933	276	2442220	42.785	ng/ul	99
95) Dibenzo(a,h)anthracene	25.951	278	2052808	42.461	ng/ul	99
96) Benzo(g,h,i)perylene	26.668	276	2015840	42.742	ng/ul	98

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

