

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081621\
 Data File : BP006685.D
 Acq On : 16 Aug 2021 16:14
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020685

Manual Integrations
 APPROVED

mohammad
 8/17/2021 1:21:31 PM

Quant Time: Aug 16 16:39:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 16 11:01:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	157959	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	689075	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.346	164	393518	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	770451	20.000	ng/u1	0.00
79) Chrysene-d12	21.216	240	767232	20.000	ng/u1	0.00
88) Perylene-d12	23.527	264	793311	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	42397	9.078	ng/uL	0.00
4) Pyridine-d5	3.617	84	298385	22.226	ng/u1	0.00
7) Phenol-d5	6.881	99	325144	20.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	211650	21.688	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	254538	21.522	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	256036	20.182	ng/u1	0.00
21) Nitrobenzene-d5	8.864	128	126246	21.583	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	126469	20.663	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	221978	21.466	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	354487	21.091	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	659674	21.859	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	805038	21.748	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	126163	20.014	ng/u1	0.00
60) Fluorene-d10	15.345	176	548519	22.348	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	94174	18.492	ng/u1	0.00
73) Anthracene-d10	17.204	188	822719	22.569	ng/u1	0.00
81) Pyrene-d10	19.451	212	889299	22.072	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.380	264	961930	22.486	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	45152	9.516	ng/uL	98
5) Pyridine	3.640	79	302148	21.741	ng/u1	98
6) Benzaldehyde	6.852	77	153808	19.700	ng/u1	99
8) Phenol	6.911	94	339552	20.937	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.140	93	271806	21.745	ng/u1	97
12) 2-Chlorophenol	7.269	128	258319	21.661	ng/u1	99
13) 2-Methylphenol	8.152	108	251388	21.068	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	318177	21.785	ng/u1	97
16) Acetophenone	8.528	105	422281	21.145	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.516	70	226561	21.091	ng/u1	99
18) 4-Methylphenol	8.481	108	268156	20.671	ng/u1	97
19) Hexachloroethane	8.769	117	121359	23.385	ng/u1	95
22) Nitrobenzene	8.905	77	353623	23.092	ng/u1	99
23) Isophorone	9.434	82	630216	22.069	ng/u1	100
25) 2-Nitrophenol	9.611	139	139543	21.616	ng/u1	99
26) 2,4-Dimethylphenol	9.681	107	306610	22.109	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.916	93	373702	22.575	ng/u1	99
29) 2,4-Dichlorophenol	10.140	162	221482	22.077	ng/u1	99
30) Naphthalene	10.540	128	863445	23.088	ng/u1	99
32) 4-Chloroaniline	10.658	127	344888	20.911	ng/u1	100
33) Hexachlorobutadiene	10.822	225	140665	23.781	ng/u1	99
34) Caprolactam	11.452	113	79760m	19.858	ng/u1	
35) 4-Chloro-3-methylphenol	11.793	107	277928	21.657	ng/u1	100
36) 2-Methylnaphthalene	12.157	142	561467	21.848	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	541461	21.172	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	243767	22.986	ng/ul	97
40) Hexachlorocyclopentadiene	12.504	237	132922	19.105	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	160073	21.979	ng/ul	100
42) 2,4,5-Trichlorophenol	12.846	196	171188	22.077	ng/ul	95
43) 1,1'-Biphenyl	13.181	154	697961	22.815	ng/ul	100
44) 2-Chloronaphthalene	13.216	162	541497	23.331	ng/ul	100
45) 2-Nitroaniline	13.434	65	177992	21.267	ng/ul	99
47) Dimethylphthalate	13.822	163	681574	22.834	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	128148	22.243	ng/ul	99
50) Acenaphthylene	14.069	152	844337	23.333	ng/ul	99
51) 3-Nitroaniline	14.263	138	119338	18.088	ng/ul	99
52) Acenaphthene	14.410	153	597541	23.159	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	61920	16.617	ng/ul	99
55) 4-Nitrophenol	14.581	109	124809	22.079	ng/ul	97
56) Dibenzofuran	14.751	168	790309	22.908	ng/ul	100
57) 2,4-Dinitrotoluene	14.728	165	194680	22.969	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.981	232	144468	22.444	ng/ul#	96
59) Diethylphthalate	15.193	149	733628	23.122	ng/ul	99
61) Fluorene	15.404	166	663126	23.052	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	304066	23.349	ng/ul	97
63) 4-Nitroaniline	15.434	138	120666	19.531	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.493	198	102325	20.100	ng/ul	94
67) N-Nitrosodiphenylamine	15.622	169	542765	22.935	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	174020	22.902	ng/ul	97
69) Hexachlorobenzene	16.404	284	199625	23.246	ng/ul	98
70) Atrazine	16.587	200	189868	22.616	ng/ul	99
71) Pentachlorophenol	16.757	266	120616	21.444	ng/ul	98
72) Phenanthrene	17.151	178	1023723	23.520	ng/ul	99
74) Anthracene	17.240	178	1039223	23.513	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.140	216	238224	22.739	ng/uL	98
76) Pentachlorobenzene	14.669	250	234771	22.744	ng/uL	97
77) Carbazole	17.522	167	921777	22.329	ng/ul	100
78) Di-n-butylphthalate	18.087	149	1245731	23.339	ng/ul	100
80) Fluoranthene	19.128	202	1144968	22.610	ng/ul	99
82) Pyrene	19.481	202	1194687	22.841	ng/ul	99
83) Butylbenzylphthalate	20.375	149	573327	22.172	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.139	252	332687	19.002	ng/ul	99
85) Benzo(a)anthracene	21.198	228	1138970	22.791	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.139	149	882685	22.152	ng/ul	99
87) Chrysene	21.251	228	1112803	23.096	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	1515981	22.107	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	1202570	23.335	ng/ul	99
91) Benzo(k)fluoranthene	22.875	252	1143390	22.916	ng/ul	99
93) Benzo(a)pyrene	23.427	252	1089736	23.343	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.921	276	1396351	22.875	ng/ul	100
95) Dibenzo(a,h)anthracene	25.939	278	1177954	22.974	ng/ul	99
96) Benzo(g,h,i)perylene	26.651	276	1162005	22.927	ng/ul	99

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

