

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081321\
 Data File : BP006668.D
 Acq On : 13 Aug 2021 09:20
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020682

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:02:57 AM

Quant Time: Aug 13 10:35:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 13 10:34:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	160989	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	688465	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	391245	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	782848	20.000	ng/u1	0.00
79) Chrysene-d12	21.216	240	798931	20.000	ng/u1	0.00
88) Perylene-d12	23.533	264	850209	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	44783	9.409	ng/uL	0.00
4) Pyridine-d5	3.623	84	306499	22.401	ng/u1	0.00
7) Phenol-d5	6.887	99	336327	20.781	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	214029	21.519	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	262455	21.774	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	262691	20.317	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	128518	21.991	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	132788	21.715	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	227439	22.014	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	360424	21.463	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	671122	22.368	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	806740	21.920	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	136526	21.784	ng/u1	0.00
60) Fluorene-d10	15.351	176	547810	22.449	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	104819	20.257	ng/u1	0.00
73) Anthracene-d10	17.210	188	830739	22.428	ng/u1	0.00
81) Pyrene-d10	19.457	212	908183	21.647	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.386	264	1017121	22.185	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	46507	9.617	ng/uL	100
5) Pyridine	3.640	79	316249	22.327	ng/u1	100
6) Benzaldehyde	6.858	77	154561	19.424	ng/u1	100
8) Phenol	6.911	94	349709	21.158	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.146	93	277608	21.791	ng/u1	100
12) 2-Chlorophenol	7.269	128	269611	22.182	ng/u1	100
13) 2-Methylphenol	8.158	108	254967	20.966	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.234	45	319922	21.492	ng/u1	100
16) Acetophenone	8.534	105	427351	20.996	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.522	70	227774	20.805	ng/u1	100
18) 4-Methylphenol	8.487	108	274404	20.755	ng/u1	100
19) Hexachloroethane	8.775	117	120374	22.759	ng/u1	100
22) Nitrobenzene	8.905	77	360829	23.583	ng/u1	100
23) Isophorone	9.434	82	634802	22.250	ng/u1	100
25) 2-Nitrophenol	9.616	139	144687	22.433	ng/u1	100
26) 2,4-Dimethylphenol	9.681	107	308331	22.253	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.922	93	374856	22.665	ng/u1	100
29) 2,4-Dichlorophenol	10.146	162	224512	22.399	ng/u1	100
30) Naphthalene	10.540	128	862158	23.074	ng/u1	100
32) 4-Chloroaniline	10.663	127	351092	21.306	ng/u1	100
33) Hexachlorobutadiene	10.822	225	138465	23.430	ng/u1	100
34) Caprolactam	11.452	113	85885m	21.402	ng/u1	100
35) 4-Chloro-3-methylphenol	11.793	107	286048	22.309	ng/u1	100
36) 2-Methylnaphthalene	12.157	142	560014	21.811	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	543587	21.274	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	242140	22.965	ng/ul	100
40) Hexachlorocyclopentadiene	12.504	237	139302	20.138	ng/ul	100
41) 2,4,6-Trichlorophenol	12.781	196	164273	22.687	ng/ul	100
42) 2,4,5-Trichlorophenol	12.851	196	173044	22.446	ng/ul	100
43) 1,1'-Biphenyl	13.181	154	693931	22.815	ng/ul	100
44) 2-Chloronaphthalene	13.222	162	543041	23.533	ng/ul	100
45) 2-Nitroaniline	13.434	65	189117	22.727	ng/ul	100
47) Dimethylphthalate	13.822	163	696345	23.464	ng/ul	100
48) 2,6-Dinitrotoluene	13.940	165	133108	23.238	ng/ul	100
50) Acenaphthylene	14.069	152	843363	23.442	ng/ul	100
51) 3-Nitroaniline	14.269	138	128380	19.571	ng/ul	100
52) Acenaphthene	14.416	153	596167	23.240	ng/ul	100
53) 2,4-Dinitrophenol	14.475	184	70472	19.022	ng/ul	100
55) 4-Nitrophenol	14.587	109	131329	23.368	ng/ul	100
56) Dibenzofuran	14.751	168	789627	23.021	ng/ul	100
57) 2,4-Dinitrotoluene	14.728	165	204193	24.231	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.981	232	148010	23.128	ng/ul	100
59) Diethylphthalate	15.193	149	741150	23.495	ng/ul	100
61) Fluorene	15.404	166	659939	23.075	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	301193	23.263	ng/ul	100
63) 4-Nitroaniline	15.434	138	126586	20.608	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.493	198	112456	21.740	ng/ul	100
67) N-Nitrosodiphenylamine	15.622	169	546542	22.729	ng/ul	100
68) 4-Bromophenyl-phenylether	16.304	248	176557	22.868	ng/ul	100
69) Hexachlorobenzene	16.410	284	200456	22.973	ng/ul	100
70) Atrazine	16.587	200	195640	22.934	ng/ul	100
71) Pentachlorophenol	16.757	266	123820	21.665	ng/ul	100
72) Phenanthrene	17.151	178	1038936	23.492	ng/ul	100
74) Anthracene	17.245	178	1059748	23.597	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.140	216	238178	22.374	ng/uL	100
76) Pentachlorobenzene	14.669	250	236709	22.569	ng/uL	100
77) Carbazole	17.522	167	950849	22.668	ng/ul	100
78) Di-n-butylphthalate	18.092	149	1277104	23.548	ng/ul	100
80) Fluoranthene	19.133	202	1181986	22.415	ng/ul	100
82) Pyrene	19.486	202	1229733	22.578	ng/ul	100
83) Butylbenzylphthalate	20.380	149	599240	22.254	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.145	252	382550	20.983	ng/ul	100
85) Benzo(a)anthracene	21.204	228	1189055	22.850	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.145	149	926612	22.332	ng/ul	100
87) Chrysene	21.251	228	1156626	23.053	ng/ul	100
89) Di-n-octyl phthalate	22.045	149	1591200	21.651	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	1281155	23.196	ng/ul	100
91) Benzo(k)fluoranthene	22.880	252	1202555	22.489	ng/ul	100
93) Benzo(a)pyrene	23.433	252	1159267	23.170	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.927	276	1506757	23.032	ng/ul	100
95) Dibenzo(a,h)anthracene	25.951	278	1259250	22.916	ng/ul	100
96) Benzo(g,h,i)perylene	26.657	276	1252413	23.057	ng/ul	100

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

