

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081321\
 Data File : BP006676.D
 Acq On : 13 Aug 2021 17:39
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020683

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:03:04 AM

Quant Time: Aug 13 17:24:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 13 15:29:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	185627	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	797409	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	462877	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	901325	20.000	ng/u1	0.00
79) Chrysene-d12	21.222	240	845780	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	902215	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	48643	8.863	ng/uL	0.00
4) Pyridine-d5	3.623	84	343308	21.761	ng/u1	0.00
7) Phenol-d5	6.881	99	385241	20.644	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	243574	21.239	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	306510	22.054	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	307598	20.633	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	149472	22.082	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	155289	21.925	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	269087	22.486	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	420554	21.622	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	780091	21.976	ng/u1	0.00
49) Acenaphthylene-d8	14.046	160	942156	21.638	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	154578	20.847	ng/u1	0.00
60) Fluorene-d10	15.351	176	639224	22.141	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	108049	18.136	ng/u1	0.00
73) Anthracene-d10	17.210	188	960383	22.520	ng/u1	0.00
81) Pyrene-d10	19.463	212	1016913	22.896	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.392	264	1088667	22.376	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	52582	9.430	ng/uL	99
5) Pyridine	3.640	79	350323	21.450	ng/u1	96
6) Benzaldehyde	6.852	77	177348	19.329	ng/u1	99
8) Phenol	6.911	94	399758	20.976	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.140	93	322112	21.928	ng/u1	98
12) 2-Chlorophenol	7.269	128	313120	22.343	ng/u1	97
13) 2-Methylphenol	8.158	108	294439	20.998	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	371946	21.671	ng/u1	99
16) Acetophenone	8.528	105	488006	20.794	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	264624	20.963	ng/u1	98
18) 4-Methylphenol	8.487	108	320485	21.023	ng/u1	100
19) Hexachloroethane	8.769	117	139840	22.930	ng/u1	96
22) Nitrobenzene	8.905	77	406061	22.914	ng/u1	97
23) Isophorone	9.434	82	743010	22.484	ng/u1	99
25) 2-Nitrophenol	9.610	139	169720	22.719	ng/u1	98
26) 2,4-Dimethylphenol	9.681	107	361248	22.510	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.922	93	435645	22.742	ng/u1	99
29) 2,4-Dichlorophenol	10.146	162	264764	22.806	ng/u1	99
30) Naphthalene	10.540	128	1002638	23.168	ng/u1	100
32) 4-Chloroaniline	10.663	127	407970	21.376	ng/u1	100
33) Hexachlorobutadiene	10.822	225	162804	23.785	ng/u1	98
34) Caprolactam	11.457	113	99945m	21.503	ng/u1	
35) 4-Chloro-3-methylphenol	11.793	107	331770	22.340	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	658600	22.146	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	637532	21.542	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	286577	22.974	ng/ul	98
40) Hexachlorocyclopentadiene	12.504	237	154330	18.858	ng/ul	98
41) 2,4,6-Trichlorophenol	12.781	196	195886	22.866	ng/ul	99
42) 2,4,5-Trichlorophenol	12.851	196	209826	23.005	ng/ul	97
43) 1,1'-Biphenyl	13.181	154	818582	22.748	ng/ul	100
44) 2-Chloronaphthalene	13.222	162	635046	23.261	ng/ul	98
45) 2-Nitroaniline	13.440	65	211264	21.460	ng/ul	95
47) Dimethylphthalate	13.822	163	801010	22.814	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	155991	23.019	ng/ul	97
50) Acenaphthylene	14.069	152	978654	22.992	ng/ul	99
51) 3-Nitroaniline	14.269	138	164609	21.211	ng/ul	96
52) Acenaphthene	14.416	153	692441	22.815	ng/ul	100
53) 2,4-Dinitrophenol	14.481	184	73473	16.763	ng/ul	93
55) 4-Nitrophenol	14.587	109	144714	21.765	ng/ul	93
56) Dibenzofuran	14.751	168	911184	22.454	ng/ul	100
57) 2,4-Dinitrotoluene	14.734	165	230303	23.100	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.987	232	174846	23.093	ng/ul#	95
59) Diethylphthalate	15.198	149	870443	23.324	ng/ul	100
61) Fluorene	15.410	166	761874	22.516	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.410	204	353348	23.068	ng/ul	95
63) 4-Nitroaniline	15.440	138	178627	24.580	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	118129	19.835	ng/ul	91
67) N-Nitrosodiphenylamine	15.628	169	629856	22.750	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	206809	23.265	ng/ul	98
69) Hexachlorobenzene	16.410	284	236825	23.574	ng/ul	100
70) Atrazine	16.592	200	229429	23.360	ng/ul	98
71) Pentachlorophenol	16.763	266	146167	22.213	ng/ul	97
72) Phenanthrene	17.157	178	1175739	23.090	ng/ul	99
74) Anthracene	17.245	178	1201769	23.242	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.140	216	283973	23.170	ng/uL	98
76) Pentachlorobenzene	14.669	250	276201	22.872	ng/uL	99
77) Carbazole	17.522	167	1081406	22.392	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1524416	24.413	ng/ul	100
80) Fluoranthene	19.133	202	1341301	24.027	ng/ul	99
82) Pyrene	19.486	202	1371851	23.792	ng/ul	98
83) Butylbenzylphthalate	20.380	149	712835	25.007	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.145	252	348092	18.036	ng/ul	100
85) Benzo(a)anthracene	21.204	228	1289773	23.412	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.145	149	1080618	24.601	ng/ul	99
87) Chrysene	21.257	228	1239321	23.333	ng/ul	99
89) Di-n-octyl phthalate	22.051	149	1878638	24.089	ng/ul	100
90) Benzo(b)fluoranthene	22.839	252	1353161	23.088	ng/ul	99
91) Benzo(k)fluoranthene	22.886	252	1277684	22.517	ng/ul	99
93) Benzo(a)pyrene	23.439	252	1230049	23.168	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.939	276	1612404	23.226	ng/ul	99
95) Dibenzo(a,h)anthracene	25.963	278	1359339	23.311	ng/ul	99
96) Benzo(g,h,i)perylene	26.674	276	1344456	23.325	ng/ul	99

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

