

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
 Data File : BP012796.D
 Acq On : 27 Nov 2022 07:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020679

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
 Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 27 23:05:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Nov 27 22:55:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	499798	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	2273124	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1558680	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	3435816	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	3560867	20.000	ng/u1	0.00
88) Perylene-d12	24.010	264	3532755	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	93754	8.038	ng/uL	0.00
4) Pyridine-d5	3.817	84	713765	20.449	ng/u1	0.00
7) Phenol-d5	7.163	99	855276	20.825	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	530266	20.953	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	674223	21.544	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	704339	21.285	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	336947	24.218	ng/u1	0.00
24) 2-Nitrophenol-d4	9.910	143	372370	25.207	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	760746	22.070	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	1043857	22.115	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	2347249	21.878	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2699510	21.565	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	435700	22.778	ng/u1	0.00
60) Fluorene-d10	15.645	176	2061304	21.938	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	366472	22.317	ng/u1	0.00
73) Anthracene-d10	17.510	188	3265439	21.591	ng/u1	0.00
81) Pyrene-d10	19.733	212	3838602	18.552	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.845	264	3654786	21.062	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	100798	8.047	ng/uL	99
5) Pyridine	3.840	79	699414	20.479	ng/u1	98
6) Benzaldehyde	7.152	77	454482m	22.664	ng/u1	
8) Phenol	7.193	94	908188	21.089	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.434	93	745518	21.129	ng/u1	100
12) 2-Chlorophenol	7.575	128	730786	21.467	ng/u1	98
13) 2-Methylphenol	8.452	108	707584	21.141	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1058496	20.798	ng/u1	100
16) Acetophenone	8.846	105	1178643	22.473	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.828	70	577450	22.351	ng/u1	98
18) 4-Methylphenol	8.781	108	794640	21.558	ng/u1	99
19) Hexachloroethane	9.110	117	280024	21.451	ng/u1	94
22) Nitrobenzene	9.222	77	825024	22.610	ng/u1	99
23) Isophorone	9.752	82	1709206	21.247	ng/u1	100
25) 2-Nitrophenol	9.940	139	438548	24.732	ng/u1	96
26) 2,4-Dimethylphenol	9.993	107	859045	21.802	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.234	93	1055403	21.399	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	784982	21.984	ng/u1	99
30) Naphthalene	10.887	128	2541991	21.356	ng/u1	100
32) 4-Chloroaniline	10.987	127	1088981	22.464	ng/u1	99
33) Hexachlorobutadiene	11.169	225	509823	21.436	ng/u1	98
34) Caprolactam	11.757	113	241757m	22.048	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	812704	22.476	ng/u1	100
36) 2-Methylnaphthalene	12.487	142	1800038	21.961	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	1808876	22.020	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	1034794	20.819	ng/u1	99
40) Hexachlorocyclopentadiene	12.834	237	493476	20.605	ng/u1	98
41) 2,4,6-Trichlorophenol	13.081	196	673632	21.660	ng/u1	99
42) 2,4,5-Trichlorophenol	13.151	196	738687	22.095	ng/u1	98
43) 1,1'-Biphenyl	13.487	154	2405825	21.188	ng/u1	99
44) 2-Chloronaphthalene	13.528	162	1923896	21.180	ng/u1	100
45) 2-Nitroaniline	13.728	65	464141	26.116	ng/u1	97
47) Dimethylphthalate	14.104	163	2453884	21.820	ng/u1	99
48) 2,6-Dinitrotoluene	14.222	165	455564	25.884	ng/u1	98
50) Acenaphthylene	14.375	152	2940567	21.483	ng/u1	100
51) 3-Nitroaniline	14.551	138	452405	22.195	ng/u1	96
52) Acenaphthene	14.716	153	2052856	21.302	ng/u1	99
53) 2,4-Dinitrophenol	14.751	184	237193	20.972	ng/u1	99
55) 4-Nitrophenol	14.845	109	310721	22.359	ng/u1	98
56) Dibenzofuran	15.051	168	2877747	21.665	ng/u1	99
57) 2,4-Dinitrotoluene	15.004	165	662317	25.501	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.269	232	655795	22.758	ng/u1	98
59) Diethylphthalate	15.469	149	2401491	22.060	ng/u1	99
61) Fluorene	15.698	166	2366944	22.220	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.692	204	1227138	22.203	ng/u1	99
63) 4-Nitroaniline	15.716	138	427831	24.626	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.769	198	399185	22.647	ng/u1	95
67) N-Nitrosodiphenylamine	15.904	169	2046596	20.959	ng/u1	99
68) 4-Bromophenyl-phenylether	16.592	248	721633	21.340	ng/u1	99
69) Hexachlorobenzene	16.704	284	919988	21.345	ng/u1	99
70) Atrazine	16.857	200	717307	21.411	ng/u1	98
71) Pentachlorophenol	17.051	266	552904	20.890	ng/u1	98
72) Phenanthrene	17.451	178	3878533	21.181	ng/u1	100
74) Anthracene	17.545	178	3910174	21.584	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	1051760	19.801	ng/uL	99
76) Pentachlorobenzene	14.969	250	1137051	20.593	ng/uL	99
77) Carbazole	17.810	167	3506107	22.878	ng/u1	99
78) Di-n-butylphthalate	18.357	149	4119658	22.707	ng/u1	99
80) Fluoranthene	19.410	202	4625662	17.973	ng/u1	98
82) Pyrene	19.763	202	4836110	18.169	ng/u1	98
83) Butylbenzylphthalate	20.633	149	1661945	26.681	ng/u1	92
84) 3,3'-Dichlorobenzidine	21.404	252	1534038	23.459	ng/u1	100
85) Benzo(a)anthracene	21.480	228	4823567	19.585	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	2524661	26.503	ng/u1	99
87) Chrysene	21.533	228	4510495	18.941	ng/u1	100
89) Di-n-octyl phthalate	22.363	149	4190883	20.774	ng/u1	100
90) Benzo(b)fluoranthene	23.239	252	4805395	18.369	ng/u1	100
91) Benzo(k)fluoranthene	23.292	252	4870000	18.650	ng/u1	99
93) Benzo(a)pyrene	23.898	252	4228828	19.658	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.645	276	4707049	22.680	ng/u1	98
95) Dibenzo(a,h)anthracene	26.668	278	4260102	22.621	ng/u1	99
96) Benzo(g,h,i)perylene	27.456	276	4033966	22.597	ng/u1	98

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

