

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
 Data File : BP012873.D
 Acq On : 30 Nov 2022 03:43
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020686

Quant Time: Nov 30 04:10:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 29 22:53:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	670371	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	2945360	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1910144	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	3660727	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	2309552	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	2128941	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	116716	7.461	ng/uL	0.00
4) Pyridine-d5	3.817	84	880198	18.801	ng/u1	0.00
7) Phenol-d5	7.158	99	1054657	19.145	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	656339	19.336	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	842742	20.077	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	880943	19.849	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	422072	23.413	ng/u1	0.00
24) 2-Nitrophenol-d4	9.905	143	468426	24.472	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	936530	20.969	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	1237415	20.232	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2649268	20.150	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	3120643	20.342	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	413337	17.633	ng/u1	0.00
60) Fluorene-d10	15.640	176	2282470	19.823	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	374594	21.410	ng/u1	0.00
73) Anthracene-d10	17.498	188	3258634	20.222	ng/u1	0.00
81) Pyrene-d10	19.728	212	3085247	22.990	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	2038538	19.494	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	124140	7.389	ng/uL	99
5) Pyridine	3.840	79	865787	18.900	ng/u1	98
6) Benzaldehyde	7.146	77	629798m	23.416	ng/u1	
8) Phenol	7.187	94	1119373	19.379	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	931231	19.677	ng/u1	100
12) 2-Chlorophenol	7.569	128	908227	19.891	ng/u1	99
13) 2-Methylphenol	8.446	108	874986	19.491	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1312425	19.226	ng/u1	99
16) Acetophenone	8.840	105	1419969	20.186	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	705369	20.355	ng/u1	98
18) 4-Methylphenol	8.781	108	974614	19.713	ng/u1	97
19) Hexachloroethane	9.099	117	354873	20.267	ng/u1	95
22) Nitrobenzene	9.222	77	1020443	21.583	ng/u1	98
23) Isophorone	9.746	82	2046466	19.634	ng/u1	99
25) 2-Nitrophenol	9.934	139	538716	23.447	ng/u1	97
26) 2,4-Dimethylphenol	9.987	107	1034583	20.264	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.228	93	1285469	20.116	ng/u1	100
29) 2,4-Dichlorophenol	10.463	162	950822	20.551	ng/u1	99
30) Naphthalene	10.875	128	3093625	20.059	ng/u1	99
32) 4-Chloroaniline	10.981	127	1283832	20.439	ng/u1	99
33) Hexachlorobutadiene	11.163	225	639232	20.743	ng/u1	99
34) Caprolactam	11.757	113	261984m	18.440	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	955141	20.386	ng/u1	100
36) 2-Methylnaphthalene	12.481	142	2168909	20.422	ng/u1	100

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37) 1-Methylnaphthalene	12.699	142	2154686	20.243	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.846	216	1257581	20.646	ng/u1	98
40) Hexachlorocyclopentadiene	12.822	237	649505	22.130	ng/u1	100
41) 2,4,6-Trichlorophenol	13.081	196	800047	20.992	ng/u1	98
42) 2,4,5-Trichlorophenol	13.146	196	857288	20.924	ng/u1	98
43) 1,1'-Biphenyl	13.481	154	2831524	20.349	ng/u1	100
44) 2-Chloronaphthalene	13.522	162	2258065	20.285	ng/u1	99
45) 2-Nitroaniline	13.728	65	542587	24.912	ng/u1	100
47) Dimethylphthalate	14.098	163	2741931	19.895	ng/u1	99
48) 2,6-Dinitrotoluene	14.216	165	520645	24.139	ng/u1	98
50) Acenaphthylene	14.369	152	3378113	20.138	ng/u1	100
51) 3-Nitroaniline	14.545	138	518228	20.746	ng/u1	96
52) Acenaphthene	14.710	153	2348898	19.889	ng/u1	98
53) 2,4-Dinitrophenol	14.745	184	257052	18.546	ng/u1	99
55) 4-Nitrophenol	14.845	109	301706	17.716	ng/u1	96
56) Dibenzofuran	15.045	168	3262134	20.040	ng/u1	98
57) 2,4-Dinitrotoluene	15.004	165	718072	22.560	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	715305	20.256	ng/u1	99
59) Diethylphthalate	15.463	149	2592875	19.435	ng/u1	99
61) Fluorene	15.692	166	2621957	20.085	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.687	204	1377073	20.331	ng/u1	99
63) 4-Nitroaniline	15.710	138	443932	20.851	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.763	198	407636	21.705	ng/u1	97
67) N-Nitrosodiphenylamine	15.898	169	2208280	21.226	ng/u1	99
68) 4-Bromophenyl-phenylether	16.587	248	822137	22.818	ng/u1	99
69) Hexachlorobenzene	16.698	284	962932	20.969	ng/u1	99
70) Atrazine	16.851	200	728508	20.409	ng/u1	97
71) Pentachlorophenol	17.045	266	528678	18.747	ng/u1	99
72) Phenanthrene	17.445	178	3906202	20.021	ng/u1	100
74) Anthracene	17.534	178	3924460	20.332	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.446	216	1261285	22.287	ng/uL	100
76) Pentachlorobenzene	14.963	250	1290650	21.939	ng/uL	99
77) Carbazole	17.798	167	3217414	19.704	ng/u1	100
78) Di-n-butylphthalate	18.345	149	3719073	19.240	ng/u1	100
80) Fluoranthene	19.398	202	3873148	23.203	ng/u1	99
82) Pyrene	19.757	202	3906844	22.630	ng/u1	96
83) Butylbenzylphthalate	20.622	149	1076411	26.644	ng/u1	93
84) 3,3'-Dichlorobenzidine	21.392	252	839773	19.800	ng/u1	99
85) Benzo(a)anthracene	21.469	228	2933191	18.362	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1304993	21.122	ng/u1	99
87) Chrysene	21.522	228	2767534	17.919	ng/u1	100
89) Di-n-octyl phthalate	22.345	149	1864251	15.334	ng/u1	100
90) Benzo(b)fluoranthene	23.221	252	2649844	16.808	ng/u1	99
91) Benzo(k)fluoranthene	23.274	252	2705282	17.191	ng/u1	99
93) Benzo(a)pyrene	23.880	252	2417738	18.650	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.621	276	3176228	25.395	ng/u1	99
95) Dibenzo(a,h)anthracene	26.639	278	2853499	25.144	ng/u1	98
96) Benzo(g,h,i)perylene	27.427	276	2836287	26.365	ng/u1	98

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

