

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017984.D
 Acq On : 09 Nov 2023 04:45
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020662

Quant Time: Nov 09 05:15:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	135426	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.669	136	567550	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	357466	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	785340	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.410	240	726433	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	773560	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	27091	7.656	ng/uL	0.00
4) Pyridine-d5	3.675	84	187884	19.133	ng/u1	0.00
7) Phenol-d5	7.016	99	248161	19.541	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.199	67	151276	19.747	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.375	132	196197	20.105	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	200976	19.147	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	98539	21.726	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.763	143	115712	22.150	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	203750	21.275	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.840	131	274722	19.796	ng/u1	-0.01
46) Dimethylphthalate-d6	13.934	166	623719	19.899	ng/u1	-0.01
49) Acenaphthylene-d8	14.216	160	691620	20.109	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	98882	20.518	ng/u1	-0.01
60) Fluorene-d10	15.510	176	515591	19.653	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.669	200	100842	17.559	ng/u1	0.00
73) Anthracene-d10	17.386	188	806336	19.747	ng/u1	-0.01
81) Pyrene-d10	19.639	212	935345	20.283	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	857317	19.835	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	28699	7.428	ng/uL	95
5) Pyridine	3.693	79	195228	19.121	ng/u1	95
6) Benzaldehyde	7.022	77	162992	23.075	ng/u1	98
8) Phenol	7.046	94	245118	19.620	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.293	93	196508	19.640	ng/u1	96
12) 2-Chlorophenol	7.405	128	196455	20.272	ng/u1	100
13) 2-Methylphenol	8.305	108	184978	19.260	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.363	45	230657m	20.024	ng/u1	
16) Acetophenone	8.705	105	319273	18.953	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	170440	19.334	ng/u1	98
18) 4-Methylphenol	8.640	108	201920	19.543	ng/u1	98
19) Hexachloroethane	8.905	117	93769	19.370	ng/u1	92
22) Nitrobenzene	9.099	77	268851	21.734	ng/u1	99
23) Isophorone	9.604	82	478171	21.257	ng/u1	99
25) 2-Nitrophenol	9.799	139	118759	21.967	ng/u1	95
26) 2,4-Dimethylphenol	9.840	107	234865	20.570	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.093	93	266880	21.568	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	194686	21.021	ng/u1	94
30) Naphthalene	10.716	128	655637	19.904	ng/u1	99
32) 4-Chloroaniline	10.863	127	260614	19.554	ng/u1	99
33) Hexachlorobutadiene	10.934	225	141745	18.394	ng/u1	99
34) Caprolactam	11.698	113	59660m	20.212	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	224009	20.893	ng/u1	98
36) 2-Methylnaphthalene	12.328	142	444375	19.771	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	451877	19.461	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.681	216	242764	19.606	ng/ul	100
40) Hexachlorocyclopentadiene	12.622	237	113965	17.283	ng/ul	95
41) 2,4,6-Trichlorophenol	12.945	196	163760	20.920	ng/ul	96
42) 2,4,5-Trichlorophenol	13.022	196	169248	20.996	ng/ul	96
43) 1,1'-Biphenyl	13.345	154	591931	20.306	ng/ul	98
44) 2-Chloronaphthalene	13.393	162	469817	20.231	ng/ul	98
45) 2-Nitroaniline	13.645	65	159277	22.906	ng/ul	95
47) Dimethylphthalate	13.987	163	613086	19.833	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	127942	20.853	ng/ul	98
50) Acenaphthylene	14.245	152	776570	20.173	ng/ul	100
51) 3-Nitroaniline	14.481	138	127751	22.105	ng/ul	96
52) Acenaphthene	14.581	153	509742	19.980	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	63196	17.499	ng/ul#	84
55) 4-Nitrophenol	14.781	109	128328	20.524	ng/ul	96
56) Dibenzofuran	14.916	168	701561	19.907	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	186300	20.319	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.140	232	148040	19.708	ng/ul	92
59) Diethylphthalate	15.339	149	643917	19.993	ng/ul	100
61) Fluorene	15.569	166	591229	19.813	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	293586	19.011	ng/ul	98
63) 4-Nitroaniline	15.651	138	124539	22.778	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.681	198	107384	17.898	ng/ul#	96
67) N-Nitrosodiphenylamine	15.792	169	485895	20.102	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	176429	19.078	ng/ul	91
69) Hexachlorobenzene	16.545	284	193392	18.220	ng/ul#	89
70) Atrazine	16.751	200	181770	19.690	ng/ul	99
71) Pentachlorophenol	16.916	266	118450	18.371	ng/ul	98
72) Phenanthrene	17.334	178	923981	20.009	ng/ul	99
74) Anthracene	17.422	178	934432	19.908	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	241777	19.644	ng/ul	99
76) Pentachlorobenzene	14.810	250	231910	18.882	ng/ul	97
77) Carbazole	17.716	167	829256	19.812	ng/ul	98
78) Di-n-butylphthalate	18.222	149	1091389	20.956	ng/ul	99
80) Fluoranthene	19.310	202	1090494	20.263	ng/ul	99
82) Pyrene	19.669	202	1138005	20.273	ng/ul	100
83) Butylbenzylphthalate	20.533	149	510514	20.671	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.339	252	332527	18.312	ng/ul	97
85) Benzo(a)anthracene	21.392	228	1126233	20.132	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.269	149	726070	20.303	ng/ul	99
87) Chrysene	21.445	228	1033279	19.918	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1248407	19.109	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1071053	20.060	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	1056078	19.725	ng/ul	100
93) Benzo(a)pyrene	23.780	252	990459	19.955	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	1189657	20.124	ng/ul	99
95) Dibenzo(a,h)anthracene	26.545	278	996508	20.264	ng/ul	99
96) Benzo(g,h,i)perylene	27.339	276	946986	20.122	ng/ul	99

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

