

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016694.D
 Acq On : 22 Aug 2023 09:11
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020697

Quant Time: Aug 23 00:48:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	377559	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.875	136	1718566	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.698	164	1057460	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	2310552	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	1999710	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	2031688	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	79634	8.015	ng/uL	0.00
4) Pyridine-d5	3.822	84	574959	19.019	ng/u1	0.00
7) Phenol-d5	7.181	99	659377	18.943	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	450621	19.655	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.558	132	493385	19.735	ng/u1	-0.01
15) 4-Methylphenol-d8	8.746	113	538450	19.455	ng/u1	-0.01
21) Nitrobenzene-d5	9.240	128	255010	21.089	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.957	143	256053	22.294	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	476055	21.062	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.028	131	758753	19.565	ng/u1	-0.01
46) Dimethylphthalate-d6	14.104	166	1536104	20.084	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	1779687	20.615	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.898	143	296167	19.008	ng/u1	0.00
60) Fluorene-d10	15.692	176	1284936	19.706	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	213652	19.437	ng/u1	0.00
73) Anthracene-d10	17.563	188	1988246	19.894	ng/u1	0.00
81) Pyrene-d10	19.798	212	2288124	21.837	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1943888	19.965	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	85598	7.835	ng/uL	98
5) Pyridine	3.840	79	605468	19.304	ng/u1	99
6) Benzaldehyde	7.193	77	440880	22.977	ng/u1	99
8) Phenol	7.211	94	696923	18.733	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.469	93	580241	19.308	ng/u1	95
12) 2-Chlorophenol	7.593	128	514403	19.555	ng/u1	99
13) 2-Methylphenol	8.475	108	521132	19.284	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.552	45	830267m	19.823	ng/u1	
16) Acetophenone	8.887	105	884772	19.796	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.863	70	496910	20.730	ng/u1	99
18) 4-Methylphenol	8.810	108	574344	19.338	ng/u1	97
19) Hexachloroethane	9.116	117	211001	19.199	ng/u1	99
22) Nitrobenzene	9.281	77	703767	20.790	ng/u1	99
23) Isophorone	9.799	82	1355327	21.198	ng/u1	100
25) 2-Nitrophenol	9.987	139	291357	22.190	ng/u1	99
26) 2,4-Dimethylphenol	10.022	107	627838	20.283	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.281	93	827524	20.191	ng/u1	99
29) 2,4-Dichlorophenol	10.505	162	484498	20.834	ng/u1	99
30) Naphthalene	10.928	128	1749207	19.481	ng/u1	100
32) 4-Chloroaniline	11.052	127	746645	19.439	ng/u1	99
33) Hexachlorobutadiene	11.157	225	280628	20.019	ng/u1	99
34) Caprolactam	11.869	113	179267	19.815	ng/u1	95
35) 4-Chloro-3-methylphenol	12.146	107	588723	20.711	ng/u1	99
36) 2-Methylnaphthalene	12.522	142	1192456	19.826	ng/u1	99

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37) 1-Methylnaphthalene	12.746	142	1204179	19.884	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	568275	20.092	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	355764	20.673	ng/ul	99
41) 2,4,6-Trichlorophenol	13.122	196	382766	21.745	ng/ul	97
42) 2,4,5-Trichlorophenol	13.193	196	413228	21.657	ng/ul	100
43) 1,1'-Biphenyl	13.528	154	1550136	19.721	ng/ul	99
44) 2-Chloronaphthalene	13.575	162	1211713	19.813	ng/ul	99
45) 2-Nitroaniline	13.804	65	409887	22.166	ng/ul	99
47) Dimethylphthalate	14.151	163	1546452	19.775	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	297025	21.928	ng/ul	96
50) Acenaphthylene	14.428	152	2035436	20.020	ng/ul	99
51) 3-Nitroaniline	14.634	138	322062	21.206	ng/ul	94
52) Acenaphthene	14.763	153	1324542	19.462	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	197319	26.168	ng/ul	97
55) 4-Nitrophenol	14.916	109	242325	19.131	ng/ul	98
56) Dibenzofuran	15.098	168	1804334	19.432	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	443228	21.851	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.310	232	341210	21.343	ng/ul	96
59) Diethylphthalate	15.510	149	1574321	19.690	ng/ul	99
61) Fluorene	15.745	166	1490857	19.581	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.740	204	700812	19.608	ng/ul	97
63) 4-Nitroaniline	15.804	138	311882	21.458	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.828	198	239573	19.657	ng/ul	96
67) N-Nitrosodiphenylamine	15.963	169	1257138	20.072	ng/ul	100
68) 4-Bromophenyl-phenylether	16.639	248	415751	20.153	ng/ul	97
69) Hexachlorobenzene	16.722	284	471827	19.574	ng/ul	96
70) Atrazine	16.916	200	455320	20.207	ng/ul	99
71) Pentachlorophenol	17.087	266	294302	19.830	ng/ul	98
72) Phenanthrene	17.504	178	2359278	19.381	ng/ul	99
74) Anthracene	17.598	178	2388069	19.531	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	602346	20.513	ng/ul	97
76) Pentachlorobenzene	14.987	250	531043	20.156	ng/ul	99
77) Carbazole	17.881	167	2214288	19.651	ng/ul	99
78) Di-n-butylphthalate	18.392	149	2742363	21.024	ng/ul	100
80) Fluoranthene	19.469	202	2730918	21.837	ng/ul	100
82) Pyrene	19.828	202	2826031	21.400	ng/ul	98
83) Butylbenzylphthalate	20.680	149	1256300	23.616	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	820077	18.833	ng/ul	98
85) Benzo(a)anthracene	21.545	228	2687558	19.998	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	1837172	23.796	ng/ul	99
87) Chrysene	21.604	228	2466661	19.614	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	3028896	23.892	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2401840	19.854	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	2456014	20.465	ng/ul	99
93) Benzo(a)pyrene	24.027	252	2222382	19.475	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	2343072	17.397	ng/ul	100
95) Dibenzo(a,h)anthracene	26.915	278	1952431	17.419	ng/ul	99
96) Benzo(g,h,i)perylene	27.745	276	1814305	16.926	ng/ul	98

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

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