

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
 Data File : BP017083.D
 Acq On : 10 Sep 2023 11:16
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020727

Quant Time: Sep 11 01:01:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 01:41:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/11/2023
 Supervised By :mohammad ahmed 09/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	439026	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.793	136	1877340	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.622	164	1090049	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.392	188	2101110	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1483516	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1334037	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	96883	8.347	ng/uL	0.00
4) Pyridine-d5	3.758	84	691905	20.863	ng/u1	0.00
7) Phenol-d5	7.116	99	826205	20.599	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.311	67	539112	21.488	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	604758	20.833	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	618317	20.235	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	295258	20.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	314225	19.903	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	584829	20.064	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	819192	19.480	ng/u1	-0.01
46) Dimethylphthalate-d6	14.040	166	1598531	19.701	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	1898112	20.270	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.840	143	255306	16.108	ng/u1	0.00
60) Fluorene-d10	15.622	176	1357362	19.538	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	194390	15.374	ng/u1	0.00
73) Anthracene-d10	17.492	188	1942038	20.126	ng/u1	0.00
81) Pyrene-d10	19.727	212	1903276	21.063	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	1347513	19.911	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	103255	8.240	ng/uL	99
5) Pyridine	3.781	79	739118	20.935	ng/u1	100
6) Benzaldehyde	7.122	77	524189	28.835	ng/u1	98
8) Phenol	7.146	94	868087	20.831	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.405	93	698253	21.012	ng/u1	99
12) 2-Chlorophenol	7.522	128	649086	20.988	ng/u1	97
13) 2-Methylphenol	8.410	108	624224	20.421	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	1019531m	21.790	ng/u1	
16) Acetophenone	8.816	105	1033754	20.965	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.793	70	558630	21.208	ng/u1	97
18) 4-Methylphenol	8.746	108	684699	20.539	ng/u1	100
19) Hexachloroethane	9.034	117	269590	21.043	ng/u1	96
22) Nitrobenzene	9.210	77	830054	21.344	ng/u1	98
23) Isophorone	9.722	82	1488510	20.373	ng/u1	98
25) 2-Nitrophenol	9.910	139	352998	20.307	ng/u1	94
26) 2,4-Dimethylphenol	9.952	107	724901	20.424	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.210	93	923283	20.391	ng/u1	100
29) 2,4-Dichlorophenol	10.434	162	597733	20.122	ng/u1	99
30) Naphthalene	10.846	128	2077059	20.276	ng/u1	99
32) 4-Chloroaniline	10.981	127	856035	19.560	ng/u1	99
33) Hexachlorobutadiene	11.075	225	333923	18.807	ng/u1	99
34) Caprolactam	11.804	113	177506	18.043	ng/u1	91
35) 4-Chloro-3-methylphenol	12.081	107	650638	19.987	ng/u1	97
36) 2-Methylnaphthalene	12.446	142	1354320	20.006	ng/u1	99

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37) 1-Methylnaphthalene	12.669	142	1355622	19.890	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.798	216	635058	19.774	ng/ul	99
40) Hexachlorocyclopentadiene	12.746	237	387272	18.611	ng/ul	100
41) 2,4,6-Trichlorophenol	13.051	196	434228	19.865	ng/ul	100
42) 2,4,5-Trichlorophenol	13.122	196	463786	19.500	ng/ul	98
43) 1,1'-Biphenyl	13.457	154	1790086	20.746	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1387358	20.479	ng/ul	99
45) 2-Nitroaniline	13.740	65	434394	21.531	ng/ul	95
47) Dimethylphthalate	14.087	163	1680807	19.742	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	330415	19.984	ng/ul	98
50) Acenaphthylene	14.351	152	2154005	20.543	ng/ul	100
51) 3-Nitroaniline	14.569	138	329548	19.972	ng/ul	97
52) Acenaphthene	14.687	153	1495079	20.437	ng/ul	100
53) 2,4-Dinitrophenol	14.769	184	143419	13.990	ng/ul	97
55) 4-Nitrophenol	14.857	109	222917	17.573	ng/ul	94
56) Dibenzofuran	15.028	168	2011913	20.001	ng/ul	99
57) 2,4-Dinitrotoluene	15.010	165	467668	19.705	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.240	232	342503	17.861	ng/ul	94
59) Diethylphthalate	15.439	149	1685302	19.809	ng/ul	99
61) Fluorene	15.675	166	1658416	19.997	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	772502	19.275	ng/ul	96
63) 4-Nitroaniline	15.739	138	285861	19.704	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.763	198	204889	15.466	ng/ul#	90
67) N-Nitrosodiphenylamine	15.892	169	1343274	21.202	ng/ul	100
68) 4-Bromophenyl-phenylether	16.569	248	408986	19.565	ng/ul	97
69) Hexachlorobenzene	16.651	284	437091	19.075	ng/ul	94
70) Atrazine	16.845	200	420657	19.393	ng/ul	98
71) Pentachlorophenol	17.016	266	235591	15.766	ng/ul	99
72) Phenanthrene	17.433	178	2380411	20.389	ng/ul	100
74) Anthracene	17.528	178	2414265	20.570	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	641435	21.432	ng/ul	99
76) Pentachlorobenzene	14.916	250	591792	20.527	ng/ul	99
77) Carbazole	17.810	167	2086243	19.781	ng/ul	98
78) Di-n-butylphthalate	18.322	149	2675303	20.705	ng/ul	99
80) Fluoranthene	19.398	202	2435114	21.583	ng/ul	98
82) Pyrene	19.757	202	2499903	21.340	ng/ul	98
83) Butylbenzylphthalate	20.616	149	1069022	22.066	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	604785	18.369	ng/ul	99
85) Benzo(a)anthracene	21.474	228	2130490	20.391	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	1507288	22.521	ng/ul	98
87) Chrysene	21.527	228	1977156	20.230	ng/ul	100
89) Di-n-octyl phthalate	22.316	149	2334533	20.876	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1856367	19.917	ng/ul	98
91) Benzo(k)fluoranthene	23.280	252	1786403	19.792	ng/ul	99
93) Benzo(a)pyrene	23.904	252	1562688	20.101	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.692	276	1871260	21.684	ng/ul	98
95) Dibenzo(a,h)anthracene	26.721	278	1550800	21.773	ng/ul	98
96) Benzo(g,h,i)perylene	27.533	276	1484815	21.834	ng/ul	98

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

