

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017436.D
 Acq On : 29 Sep 2023 04:48
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020759

Quant Time: Sep 29 05:20:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 23:22:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	124128	20.000	ng/u1	0.00
20) Naphthalene-d8	10.799	136	555382	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	351223	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.439	188	806951	20.000	ng/u1	-0.01
79) Chrysene-d12	21.569	240	771425	20.000	ng/u1	-0.01
88) Perylene-d12	24.145	264	911746	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	25682	8.498	ng/uL	0.00
4) Pyridine-d5	3.734	84	184407	21.827	ng/u1	0.00
7) Phenol-d5	7.111	99	229268	22.489	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	133152	21.642	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.475	132	184443	22.811	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	180768	22.807	ng/u1	-0.01
21) Nitrobenzene-d5	9.163	128	88872	22.135	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.881	143	100159	22.974	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.410	165	185691	22.545	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.963	131	258694	21.682	ng/u1	-0.01
46) Dimethylphthalate-d6	14.063	166	519528	20.649	ng/u1	-0.01
49) Acenaphthylene-d8	14.345	160	615338	21.264	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.887	143	89013	20.307	ng/u1	-0.01
60) Fluorene-d10	15.651	176	456447	21.072	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.798	200	71864	15.801	ng/u1	-0.02
73) Anthracene-d10	17.539	188	745228	20.823	ng/u1	-0.01
81) Pyrene-d10	19.786	212	895280	21.461	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.974	264	892038	20.321	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	27336	8.833	ng/uL	92
5) Pyridine	3.752	79	190587	21.730	ng/u1	96
6) Benzaldehyde	7.111	77	119876	23.042	ng/u1	98
8) Phenol	7.140	94	229145	22.348	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.393	93	178176	21.497	ng/u1	96
12) 2-Chlorophenol	7.510	128	186455	22.708	ng/u1	98
13) 2-Methylphenol	8.405	108	171536	22.608	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	226623m	21.619	ng/u1	
16) Acetophenone	8.816	105	278859	22.768	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.781	70	139945	22.895	ng/u1	99
18) 4-Methylphenol	8.746	108	186808	22.979	ng/u1	99
19) Hexachloroethane	9.022	117	77553	22.752	ng/u1	97
22) Nitrobenzene	9.210	77	217126	21.312	ng/u1	97
23) Isophorone	9.722	82	393842	21.573	ng/u1	99
25) 2-Nitrophenol	9.916	139	105093	22.246	ng/u1	98
26) 2,4-Dimethylphenol	9.957	107	202461	21.509	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.210	93	234515	19.899	ng/u1	96
29) 2,4-Dichlorophenol	10.440	162	179869	22.149	ng/u1	98
30) Naphthalene	10.846	128	598422	20.693	ng/u1	99
32) 4-Chloroaniline	10.987	127	250849	21.939	ng/u1	100
33) Hexachlorobutadiene	11.069	225	120586	21.336	ng/u1	98
34) Caprolactam	11.810	113	56129	23.921	ng/u1	94
35) 4-Chloro-3-methylphenol	12.098	107	185030	22.668	ng/u1	96
36) 2-Methylnaphthalene	12.463	142	402682	21.335	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	411517	21.329	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.816	216	223839	19.859	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	100583	15.768	ng/ul	97
41) 2,4,6-Trichlorophenol	13.075	196	146716	21.459	ng/ul	96
42) 2,4,5-Trichlorophenol	13.145	196	156827	21.894	ng/ul	98
43) 1,1'-Biphenyl	13.475	154	526553	19.760	ng/ul	98
44) 2-Chloronaphthalene	13.528	162	429487	20.330	ng/ul	99
45) 2-Nitroaniline	13.769	65	119531	23.032	ng/ul	95
47) Dimethylphthalate	14.110	163	522644	20.621	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	104950	23.841	ng/ul	92
50) Acenaphthylene	14.381	152	710147	20.987	ng/ul	99
51) 3-Nitroaniline	14.604	138	112848	23.821	ng/ul	93
52) Acenaphthene	14.716	153	458714	20.526	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	60510	21.974	ng/ul	95
55) 4-Nitrophenol	14.898	109	86880	25.370	ng/ul	97
56) Dibenzofuran	15.057	168	641351	20.957	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	157467	24.284	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.275	232	138394	22.770	ng/ul	97
59) Diethylphthalate	15.475	149	516239	21.069	ng/ul	99
61) Fluorene	15.710	166	524793	21.106	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	261596	20.759	ng/ul	98
63) 4-Nitroaniline	15.775	138	111136	26.285	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.810	198	76908	15.675	ng/ul	97
67) N-Nitrosodiphenylamine	15.928	169	433578	19.534	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	162161	20.003	ng/ul	98
69) Hexachlorobenzene	16.692	284	194531	20.679	ng/ul	98
70) Atrazine	16.886	200	163136	20.515	ng/ul	97
71) Pentachlorophenol	17.063	266	116603	20.066	ng/ul	96
72) Phenanthrene	17.481	178	860547	20.361	ng/ul	99
74) Anthracene	17.575	178	880027	20.545	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.434	216	230586	18.619	ng/uL	98
76) Pentachlorobenzene	14.945	250	225895	19.309	ng/uL	98
77) Carbazole	17.863	167	786340	20.639	ng/ul	99
78) Di-n-butylphthalate	18.369	149	909973	21.720	ng/ul	99
80) Fluoranthene	19.457	202	1042473	21.427	ng/ul	100
82) Pyrene	19.816	202	1090221	21.080	ng/ul	99
83) Butylbenzylphthalate	20.680	149	448873	24.478	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.486	252	307169	18.327	ng/ul	99
85) Benzo(a)anthracene	21.551	228	1086934	20.877	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	640740	24.194	ng/ul	98
87) Chrysene	21.610	228	1013913	20.693	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	1121654	22.365	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1086187	20.206	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	1067786	19.689	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1038213	20.186	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	1285596	19.942	ng/ul	98
95) Dibenzo(a,h)anthracene	26.904	278	1060384	19.748	ng/ul	98
96) Benzo(g,h,i)perylene	27.739	276	1037674	19.960	ng/ul	99

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

