

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017410.D
 Acq On : 28 Sep 2023 12:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020757

Quant Time: Sep 28 22:33:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 15:31:53 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	167950	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	811015	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	502969	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	986259	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	840828	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	901131	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	34682	8.482	ng/uL	0.00
4) Pyridine-d5	3.734	84	249023	21.785	ng/u1	0.00
7) Phenol-d5	7.111	99	310891	22.539	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	193982	23.303	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	251686	23.006	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	254977	23.776	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	125189	21.352	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	136069	21.373	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	259531	21.578	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	359814	20.651	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	755548	20.969	ng/u1	0.00
49) Acenaphthylene-d8	14.346	160	862107	20.804	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	90124	14.357	ng/u1	0.00
60) Fluorene-d10	15.651	176	623976	20.116	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	91856	16.525	ng/u1	0.00
73) Anthracene-d10	17.539	188	884596	20.223	ng/u1	0.00
81) Pyrene-d10	19.792	212	955709	21.019	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	883400	20.361	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	35090	8.380	ng/uL	98
5) Pyridine	3.752	79	255472	21.528	ng/u1	98
6) Benzaldehyde	7.111	77	168019	23.869	ng/u1	99
8) Phenol	7.134	94	319005	22.994	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.393	93	262345	23.393	ng/u1	98
12) 2-Chlorophenol	7.505	128	253834	22.847	ng/u1	98
13) 2-Methylphenol	8.405	108	241643	23.538	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	342273m	24.132	ng/u1	
16) Acetophenone	8.811	105	413691	24.964	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.781	70	210320	25.431	ng/u1	98
18) 4-Methylphenol	8.740	108	267866	24.352	ng/u1	97
19) Hexachloroethane	9.022	117	102356	22.193	ng/u1	98
22) Nitrobenzene	9.205	77	311370	20.929	ng/u1	98
23) Isophorone	9.722	82	579927	21.753	ng/u1	99
25) 2-Nitrophenol	9.916	139	146141	21.184	ng/u1	96
26) 2,4-Dimethylphenol	9.952	107	293503	21.353	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.210	93	366963	21.323	ng/u1	99
29) 2,4-Dichlorophenol	10.434	162	259149	21.853	ng/u1	99
30) Naphthalene	10.846	128	877027	20.768	ng/u1	99
32) 4-Chloroaniline	10.987	127	348538	20.875	ng/u1	99
33) Hexachlorobutadiene	11.075	225	172114	20.854	ng/u1	98
34) Caprolactam	11.810	113	67098m	19.582	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	261270	21.919	ng/u1	99
36) 2-Methylnaphthalene	12.457	142	594311	21.563	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	610160	21.656	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.810	216	333164	20.640	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	149638	16.381	ng/ul	93
41) 2,4,6-Trichlorophenol	13.069	196	205778	21.017	ng/ul	99
42) 2,4,5-Trichlorophenol	13.140	196	213074	20.772	ng/ul	100
43) 1,1'-Biphenyl	13.475	154	787557	20.638	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	616070	20.363	ng/ul	100
45) 2-Nitroaniline	13.769	65	149191	20.074	ng/ul	96
47) Dimethylphthalate	14.110	163	761037	20.968	ng/ul	98
48) 2,6-Dinitrotoluene	14.263	165	135472	21.489	ng/ul	93
50) Acenaphthylene	14.375	152	1000216	20.641	ng/ul	99
51) 3-Nitroaniline	14.598	138	119291	17.584	ng/ul	96
52) Acenaphthene	14.716	153	649565	20.297	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	74163	18.807	ng/ul	97
55) 4-Nitrophenol	14.893	109	88023	17.949	ng/ul	97
56) Dibenzofuran	15.057	168	895910	20.443	ng/ul	97
57) 2,4-Dinitrotoluene	15.045	165	191550	20.628	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.275	232	172721	19.844	ng/ul	96
59) Diethylphthalate	15.475	149	722399	20.588	ng/ul	98
61) Fluorene	15.710	166	715293	20.088	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	369559	20.478	ng/ul	99
63) 4-Nitroaniline	15.775	138	100434	16.587	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.804	198	102260	17.053	ng/ul	98
67) N-Nitrosodiphenylamine	15.934	169	568504	20.956	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	213473	21.545	ng/ul	99
69) Hexachlorobenzene	16.692	284	249903	21.736	ng/ul	96
70) Atrazine	16.892	200	191208	19.673	ng/ul	99
71) Pentachlorophenol	17.063	266	126172	17.765	ng/ul	98
72) Phenanthrene	17.481	178	1043298	20.197	ng/ul	99
74) Anthracene	17.575	178	1054226	20.137	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	335049	22.135	ng/uL	97
76) Pentachlorobenzene	14.945	250	321029	22.451	ng/uL	100
77) Carbazole	17.863	167	863894	18.552	ng/ul	99
78) Di-n-butylphthalate	18.375	149	1039173	20.294	ng/ul	99
80) Fluoranthene	19.463	202	1125087	21.217	ng/ul	99
82) Pyrene	19.822	202	1180189	20.936	ng/ul	98
83) Butylbenzylphthalate	20.692	149	408671	20.446	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.498	252	293786	16.082	ng/ul	98
85) Benzo(a)anthracene	21.557	228	1135931	20.017	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	564113	19.543	ng/ul	99
87) Chrysene	21.610	228	1069406	20.024	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	955176	19.270	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1096062	20.630	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	1099821	20.518	ng/ul	98
93) Benzo(a)pyrene	24.033	252	1035365	20.368	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	1209739	18.986	ng/ul	99
95) Dibenzo(a,h)anthracene	26.910	278	990227	18.659	ng/ul	98
96) Benzo(g,h,i)perylene	27.739	276	995038	19.365	ng/ul	98

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