

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017358.D
 Acq On : 26 Sep 2023 13:03
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020752

Quant Time: Sep 27 00:53:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	173800	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.746	136	725510	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	445361	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	990470	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	966412	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	1062410	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	33132	7.830	ng/uL	-0.02
4) Pyridine-d5	3.717	84	235765	19.931	ng/u1	-0.01
7) Phenol-d5	7.069	99	295481	20.700	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.258	67	179165	20.798	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.440	132	240626	21.254	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	234032	21.089	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	114996	21.925	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.834	143	127412	22.372	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	242455	22.534	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	335097	21.499	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	692159	21.695	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	789811	21.524	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	107706	19.378	ng/u1	0.00
60) Fluorene-d10	15.587	176	594687	21.651	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	103031	18.456	ng/u1	0.00
73) Anthracene-d10	17.463	188	943950	21.489	ng/u1	0.00
81) Pyrene-d10	19.704	212	1120297	21.437	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	1091644	21.341	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	34338	7.924	ng/uL	88
5) Pyridine	3.740	79	245896	20.023	ng/u1	98
6) Benzaldehyde	7.075	77	177627	24.385	ng/u1	98
8) Phenol	7.099	94	295949	20.614	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.358	93	244750	21.090	ng/u1	98
12) 2-Chlorophenol	7.469	128	242527	21.095	ng/u1	100
13) 2-Methylphenol	8.363	108	222121	20.908	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	312924m	21.320	ng/u1	
16) Acetophenone	8.769	105	368915	21.513	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.740	70	186541	21.796	ng/u1	97
18) 4-Methylphenol	8.699	108	241713	21.235	ng/u1	99
19) Hexachloroethane	8.981	117	100350	21.026	ng/u1	97
22) Nitrobenzene	9.163	77	285232	21.432	ng/u1	97
23) Isophorone	9.675	82	513789	21.544	ng/u1	99
25) 2-Nitrophenol	9.869	139	137993	22.360	ng/u1	99
26) 2,4-Dimethylphenol	9.910	107	266860	21.703	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.163	93	323669	21.024	ng/u1	97
29) 2,4-Dichlorophenol	10.387	162	236323	22.277	ng/u1	99
30) Naphthalene	10.799	128	793553	21.006	ng/u1	99
32) 4-Chloroaniline	10.934	127	323499	21.659	ng/u1	99
33) Hexachlorobutadiene	11.022	225	163858	22.194	ng/u1	97
34) Caprolactam	11.757	113	64408	21.012	ng/u1	95
35) 4-Chloro-3-methylphenol	12.040	107	240191	22.525	ng/u1	98
36) 2-Methylnaphthalene	12.404	142	531333	21.550	ng/u1	100

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37) 1-Methylnaphthalene	12.628	142	541869	21.499	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	304627	21.314	ng/ul	99
40) Hexachlorocyclopentadiene	12.699	237	129998	16.072	ng/ul	96
41) 2,4,6-Trichlorophenol	13.016	196	192734	22.231	ng/ul	99
42) 2,4,5-Trichlorophenol	13.087	196	203133	22.364	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	706197	20.900	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	564488	21.072	ng/ul	99
45) 2-Nitroaniline	13.704	65	149820	22.766	ng/ul	96
47) Dimethylphthalate	14.051	163	687879	21.404	ng/ul	98
48) 2,6-Dinitrotoluene	14.198	165	132300	23.701	ng/ul	97
50) Acenaphthylene	14.316	152	913018	21.279	ng/ul	100
51) 3-Nitroaniline	14.540	138	135877	22.619	ng/ul	94
52) Acenaphthene	14.651	153	598535	21.122	ng/ul	99
53) 2,4-Dinitrophenol	14.740	184	51348	14.705	ng/ul	94
55) 4-Nitrophenol	14.834	109	90189	20.770	ng/ul	92
56) Dibenzofuran	14.993	168	835180	21.522	ng/ul	98
57) 2,4-Dinitrotoluene	14.981	165	196648	23.916	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.210	232	175749	22.804	ng/ul	94
59) Diethylphthalate	15.410	149	678748	21.846	ng/ul	98
61) Fluorene	15.645	166	681373	21.611	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.634	204	351672	22.008	ng/ul	99
63) 4-Nitroaniline	15.710	138	128152	23.903	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.740	198	110359	18.325	ng/ul	97
67) N-Nitrosodiphenylamine	15.863	169	569205	20.893	ng/ul	98
68) 4-Bromophenyl-phenylether	16.539	248	215269	21.634	ng/ul	98
69) Hexachlorobenzene	16.622	284	252113	21.835	ng/ul	95
70) Atrazine	16.822	200	205488	21.053	ng/ul	99
71) Pentachlorophenol	16.987	266	145776	20.438	ng/ul	98
72) Phenanthrene	17.404	178	1090332	21.018	ng/ul	99
74) Anthracene	17.498	178	1115975	21.226	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	307700	20.242	ng/uL	98
76) Pentachlorobenzene	14.881	250	301150	20.972	ng/uL	98
77) Carbazole	17.786	167	982401	21.007	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1168670	22.726	ng/ul	99
80) Fluoranthene	19.375	202	1301651	21.356	ng/ul	100
82) Pyrene	19.733	202	1373832	21.204	ng/ul	99
83) Butylbenzylphthalate	20.598	149	547448	23.830	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.392	252	439326	20.923	ng/ul	100
85) Benzo(a)anthracene	21.451	228	1394314	21.377	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	818974	24.685	ng/ul	99
87) Chrysene	21.510	228	1300978	21.194	ng/ul	100
89) Di-n-octyl phthalate	22.292	149	1420717	24.311	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	1323621	21.131	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	1345360	21.289	ng/ul	98
93) Benzo(a)pyrene	23.874	252	1258990	21.007	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.651	276	1525860	20.312	ng/ul	98
95) Dibenzo(a,h)anthracene	26.674	278	1265749	20.230	ng/ul	98
96) Benzo(g,h,i)perylene	27.486	276	1208772	19.954	ng/ul	98

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

