

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
 Data File : BP017087.D
 Acq On : 11 Sep 2023 03:38
 Operator : MA/JU
 Sample : SSTD02045
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020605

Quant Time: Sep 11 05:56:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 05:32:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

09/11/2023
 Supervised By :mohammad
 ahmed

09/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	271559	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	1260664	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	813313	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1742684	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1604063	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1705806	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	53583	7.464	ng/uL	0.00
4) Pyridine-d5	3.752	84	396594	19.333	ng/u1	0.00
7) Phenol-d5	7.110	99	451543	18.200	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	315122	20.306	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	341532	19.021	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	362936	19.202	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	167174	17.093	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	175156	16.521	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	330549	16.888	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	520015	18.415	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	1068949	17.657	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	1231083	17.620	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	208025	17.591	ng/u1	0.00
60) Fluorene-d10	15.616	176	897796	17.320	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	160060	15.262	ng/u1	0.00
73) Anthracene-d10	17.486	188	1390048	17.369	ng/u1	0.00
81) Pyrene-d10	19.727	212	1553198	15.897	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	1498022	17.310	ng/u1	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.352	88	58204	7.509	ng/uL 100
5) Pyridine	3.775	79	421347	19.294	ng/u1 100
6) Benzaldehyde	7.116	77	315769	28.082	ng/u1 100
8) Phenol	7.140	94	486586	18.877	ng/u1 100
10) Bis(2-Chloroethyl)ether	7.393	93	398740	19.398	ng/u1 100
12) 2-Chlorophenol	7.516	128	352837	18.445	ng/u1 100
13) 2-Methylphenol	8.399	108	345611	18.279	ng/u1 100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	636612m	21.997	ng/u1
16) Acetophenone	8.810	105	606033	19.870	ng/u1 100
17) N-Nitroso-di-n-propyla...	8.781	70	333005	20.438	ng/u1 100
18) 4-Methylphenol	8.734	108	383633	18.605	ng/u1 100
19) Hexachloroethane	9.028	117	146739	18.517	ng/u1 100
22) Nitrobenzene	9.204	77	487049	18.650	ng/u1 100
23) Isophorone	9.716	82	892035	18.182	ng/u1 100
25) 2-Nitrophenol	9.904	139	196505	16.834	ng/u1 100
26) 2,4-Dimethylphenol	9.946	107	416072	17.458	ng/u1 100
27) Bis(2-Chloroethoxy)met...	10.204	93	557220	18.326	ng/u1 100
29) 2,4-Dichlorophenol	10.422	162	340430	17.066	ng/u1 100
30) Naphthalene	10.840	128	1210044	17.590	ng/u1 100
32) 4-Chloroaniline	10.975	127	526475	17.914	ng/u1 100
33) Hexachlorobutadiene	11.069	225	185045	15.520	ng/u1 100
34) Caprolactam	11.793	113	116115	17.576	ng/u1 100
35) 4-Chloro-3-methylphenol	12.075	107	392520	17.956	ng/u1 100
36) 2-Methylnaphthalene	12.440	142	823603	18.117	ng/u1 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	837774	18.305	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	376607	15.716	ng/ul	100
40) Hexachlorocyclopentadiene	12.740	237	199779	12.867	ng/ul	100
41) 2,4,6-Trichlorophenol	13.045	196	257353	15.779	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	279795	15.767	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	1092974	16.977	ng/ul	100
44) 2-Chloronaphthalene	13.498	162	851819	16.852	ng/ul	100
45) 2-Nitroaniline	13.734	65	277431	18.430	ng/ul	100
47) Dimethylphthalate	14.081	163	1093892	17.221	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	198093	16.058	ng/ul	100
50) Acenaphthylene	14.351	152	1440314	18.411	ng/ul	100
51) 3-Nitroaniline	14.563	138	216660	17.598	ng/ul	100
52) Acenaphthene	14.687	153	951017	17.423	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	99114	12.958	ng/ul	100
55) 4-Nitrophenol	14.851	109	176654	18.664	ng/ul	100
56) Dibenzofuran	15.022	168	1295413	17.260	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	305658	17.261	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.234	232	221104	15.454	ng/ul	100
59) Diethylphthalate	15.439	149	1098152	17.300	ng/ul	100
61) Fluorene	15.669	166	1093420	17.671	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	495683	16.576	ng/ul	100
63) 4-Nitroaniline	15.733	138	221938	20.503	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.757	198	176416	16.056	ng/ul	100
67) N-Nitrosodiphenylamine	15.886	169	888190	16.903	ng/ul	100
68) 4-Bromophenyl-phenylether	16.569	248	264768	15.271	ng/ul	100
69) Hexachlorobenzene	16.645	284	296505	15.601	ng/ul	100
70) Atrazine	16.845	200	305233	16.966	ng/ul	100
71) Pentachlorophenol	17.010	266	179348	14.471	ng/ul	100
72) Phenanthrene	17.433	178	1664525	17.189	ng/ul	100
74) Anthracene	17.528	178	1714201	17.610	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	399592	16.097	ng/ul	100
76) Pentachlorobenzene	14.910	250	347625	14.538	ng/ul	100
77) Carbazole	17.810	167	1563575	17.874	ng/ul	100
78) Di-n-butylphthalate	18.322	149	1812717	16.915	ng/ul	100
80) Fluoranthene	19.398	202	1884945	15.451	ng/ul	100
82) Pyrene	19.757	202	2012061	15.885	ng/ul	100
83) Butylbenzylphthalate	20.616	149	809753	15.458	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.410	252	592978	16.657	ng/ul	100
85) Benzo(a)anthracene	21.468	228	1988380	17.601	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	1166085	16.114	ng/ul	100
87) Chrysene	21.527	228	1824592	17.266	ng/ul	100
89) Di-n-octyl phthalate	22.316	149	2024676	14.159	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1895730	15.906	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	1851691	16.044	ng/ul	100
93) Benzo(a)pyrene	23.904	252	1772274	17.829	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.698	276	2098078	19.014	ng/ul	100
95) Dibenzo(a,h)anthracene	26.721	278	1755568	19.276	ng/ul	100
96) Benzo(g,h,i)perylene	27.539	276	1614610	18.568	ng/ul	100

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

