

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017165.D
 Acq On : 14 Sep 2023 00:20
 Operator : MA/JU
 Sample : 04268-03MS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0GH2MS

Quant Time: Sep 14 02:53:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

09/14/2023
 Supervised By :mohammad
 ahmed

09/14/2023
 Supervised By :mohammad
 ahmed

09/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	288353	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	1263177	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.610	164	817157	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1842125	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1575119	20.000	ng/ul	0.00
88) Perylene-d12	24.009	264	1484674	20.000	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.311	96	26541	3.868	ng/uL	0.00
4) Pyridine-d5	3.752	84	174857	8.908	ng/ul	0.00
7) Phenol-d5	7.104	99	122524	5.226	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	385675	26.317	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	365994	19.567	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	242531	12.481	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	255917	28.933	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	270691	28.666	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	474517	25.984	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	630184	22.894	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	1885164	32.419	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	1978914	29.991	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	60342	5.369	ng/ul	0.00
60) Fluorene-d10	15.610	176	1585077	31.525	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	311179	30.235	ng/ul	0.00
73) Anthracene-d10	17.480	188	2557434	32.675	ng/ul	0.00
81) Pyrene-d10	19.721	212	2981610	36.094	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	2289848	32.678	ng/ul	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.346	88	27574	3.737	ng/uL	94
5) Pyridine	3.769	79	207452	10.203	ng/ul	99
6) Benzaldehyde	7.110	77	379463	29.069	ng/ul	98
8) Phenol	7.134	94	138810	5.613	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	530367	26.890	ng/ul	99
12) 2-Chlorophenol	7.504	128	389373	20.508	ng/ul	98
13) 2-Methylphenol	8.393	108	286422	15.537	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	678900m	25.399	ng/ul	
16) Acetophenone	8.804	105	858993	28.242	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.775	70	448874	28.719	ng/ul	99
18) 4-Methylphenol	8.734	108	275297	13.497	ng/ul	94
19) Hexachloroethane	9.016	117	195206	25.000	ng/ul	97
22) Nitrobenzene	9.198	77	654644	28.420	ng/ul	98
23) Isophorone	9.710	82	1253348	29.036	ng/ul	99
25) 2-Nitrophenol	9.898	139	300160	28.600	ng/ul	96
26) 2,4-Dimethylphenol	9.940	107	443630	20.741	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.198	93	759748	28.082	ng/ul	100
29) 2,4-Dichlorophenol	10.416	162	481770	26.062	ng/ul	99
30) Naphthalene	10.828	128	1747155	27.333	ng/ul	100
32) 4-Chloroaniline	10.963	127	596306	22.200	ng/ul	97
33) Hexachlorobutadiene	11.057	225	335451	26.725	ng/ul	99
34) Caprolactam	11.798	113	24527	4.221	ng/ul	99
35) 4-Chloro-3-methylphenol	12.063	107	507771	25.387	ng/ul	97
36) 2-Methylnaphthalene	12.434	142	1218456	28.250	ng/ul	98

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37) 1-Methylnaphthalene	12.651	142	1203807	27.573	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	692558	28.456	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	306049	20.183	ng/ul	98
41) 2,4,6-Trichlorophenol	13.039	196	474354	30.680	ng/ul	97
42) 2,4,5-Trichlorophenol	13.104	196	528348	32.143	ng/ul	100
43) 1,1'-Biphenyl	13.445	154	1731057	29.542	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	1372876	29.503	ng/ul	100
45) 2-Nitroaniline	13.734	65	449392	35.654	ng/ul	96
47) Dimethylphthalate	14.075	163	1961962	33.236	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	402497	37.295	ng/ul	99
50) Acenaphthylene	14.339	152	2217797	29.095	ng/ul	100
51) 3-Nitroaniline	14.563	138	391391	33.901	ng/ul	97
52) Acenaphthene	14.675	153	1533256	30.397	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	190991	25.266	ng/ul	98
55) 4-Nitrophenol	14.845	109	51964	5.777	ng/ul	99
56) Dibenzofuran	15.016	168	2205677	31.643	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	588430	36.617	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.228	232	478874	33.209	ng/ul	98
59) Diethylphthalate	15.428	149	2009589	34.480	ng/ul	100
61) Fluorene	15.663	166	1862316	32.315	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	946432	32.301	ng/ul	98
63) 4-Nitroaniline	15.733	138	389096	36.251	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	328243	29.718	ng/ul	92
67) N-Nitrosodiphenylamine	15.881	169	1604129	33.490	ng/ul	100
68) 4-Bromophenyl-phenylether	16.557	248	614137	34.975	ng/ul	97
69) Hexachlorobenzene	16.639	284	705814	33.960	ng/ul	98
70) Atrazine	16.839	200	388286	22.395	ng/ul	99
71) Pentachlorophenol	17.004	266	383355	28.381	ng/ul	99
72) Phenanthrene	17.427	178	3060170	33.057	ng/ul	100
74) Anthracene	17.522	178	3080261	32.852	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	70647	2.774	ng/uL	95
76) Pentachlorobenzene	14.904	250	799048	34.574	ng/uL	100
77) Carbazole	17.804	167	2802671	34.042	ng/ul	99
78) Di-n-butylphthalate	18.316	149	3475230	37.043	ng/ul	99
80) Fluoranthene	19.392	202	3624236	37.536	ng/ul	100
82) Pyrene	19.751	202	3756326	36.819	ng/ul	98
83) Butylbenzylphthalate	20.610	149	1503513	41.321	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	935099	28.957	ng/ul	100
85) Benzo(a)anthracene	21.463	228	3447991	33.433	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	2138746	41.872	ng/ul	98
87) Chrysene	21.521	228	3230983	33.679	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	3378000	41.034	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3085967	35.263	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	2947959	33.885	ng/ul	100
93) Benzo(a)pyrene	23.898	252	2586166	31.853	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.680	276	3096422	34.441	ng/ul	99
95) Dibenzo(a,h)anthracene	26.709	278	2596821	34.384	ng/ul	100
96) Benzo(g,h,i)perylene	27.521	276	2467828	35.498	ng/ul	99

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

