

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016641.D
 Acq On : 18 Aug 2023 15:14
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020691

Quant Time: Aug 18 22:31:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	389796	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1764410	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	1087692	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	2385043	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	2344597	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	2732185	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	75643	7.374	ng/uL	0.00
4) Pyridine-d5	3.828	84	533211	17.085	ng/u1	0.00
7) Phenol-d5	7.187	99	618148	17.201	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	402421	17.002	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	464328	17.989	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	506201	17.715	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	234516	18.890	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	241551	20.485	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	448263	19.317	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	712803	17.903	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1409658	17.918	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1651984	18.604	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	299068	18.661	ng/u1	0.00
60) Fluorene-d10	15.698	176	1200721	17.903	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	197566	17.412	ng/u1	0.00
73) Anthracene-d10	17.569	188	1875593	18.180	ng/u1	0.00
81) Pyrene-d10	19.804	212	2202046	17.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	2333580	17.822	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	80050	7.097	ng/uL	97
5) Pyridine	3.846	79	561610	17.344	ng/u1	100
6) Benzaldehyde	7.205	77	409498	20.672	ng/u1	97
8) Phenol	7.216	94	657561	17.120	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.481	93	528694	17.040	ng/u1	96
12) 2-Chlorophenol	7.605	128	477769	17.592	ng/u1	97
13) 2-Methylphenol	8.487	108	488153	17.497	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	733245	16.957	ng/u1	99
16) Acetophenone	8.899	105	811181	17.580	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	449351	18.158	ng/u1	98
18) 4-Methylphenol	8.822	108	532736	17.374	ng/u1	99
19) Hexachloroethane	9.128	117	196957	17.358	ng/u1	96
22) Nitrobenzene	9.293	77	637745	18.350	ng/u1	97
23) Isophorone	9.805	82	1244849	18.964	ng/u1	99
25) 2-Nitrophenol	9.993	139	268122	19.890	ng/u1	99
26) 2,4-Dimethylphenol	10.034	107	578094	18.191	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.293	93	747221	17.758	ng/u1	100
29) 2,4-Dichlorophenol	10.516	162	453637	19.000	ng/u1	99
30) Naphthalene	10.934	128	1605199	17.413	ng/u1	100
32) 4-Chloroaniline	11.063	127	700644	17.767	ng/u1	99
33) Hexachlorobutadiene	11.169	225	258102	17.934	ng/u1	100
34) Caprolactam	11.869	113	177757	19.137	ng/u1	99
35) 4-Chloro-3-methylphenol	12.151	107	553068	18.952	ng/u1	99
36) 2-Methylnaphthalene	12.534	142	1093453	17.708	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	1107846	17.818	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	523238	17.985	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	291488	16.467	ng/ul	100
41) 2,4,6-Trichlorophenol	13.134	196	356828	19.708	ng/ul	99
42) 2,4,5-Trichlorophenol	13.198	196	387983	19.769	ng/ul	99
43) 1,1'-Biphenyl	13.540	154	1431237	17.702	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1105777	17.579	ng/ul	99
45) 2-Nitroaniline	13.810	65	379012	19.927	ng/ul	96
47) Dimethylphthalate	14.157	163	1432878	17.814	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	278142	19.964	ng/ul	99
50) Acenaphthylene	14.434	152	1900591	18.174	ng/ul	99
51) 3-Nitroaniline	14.640	138	314474	20.130	ng/ul	95
52) Acenaphthene	14.769	153	1227394	17.533	ng/ul	98
53) 2,4-Dinitrophenol	14.834	184	121017	15.603	ng/ul	97
55) 4-Nitrophenol	14.916	109	238787	18.327	ng/ul	97
56) Dibenzofuran	15.104	168	1665686	17.440	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	411911	19.743	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.316	232	323876	19.696	ng/ul	97
59) Diethylphthalate	15.516	149	1470158	17.876	ng/ul	99
61) Fluorene	15.751	166	1385207	17.688	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	646708	17.591	ng/ul	97
63) 4-Nitroaniline	15.804	138	311579	20.841	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.834	198	220291	17.510	ng/ul	97
67) N-Nitrosodiphenylamine	15.969	169	1170613	18.107	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	382780	17.975	ng/ul	98
69) Hexachlorobenzene	16.728	284	443370	17.819	ng/ul	97
70) Atrazine	16.922	200	429831	18.480	ng/ul	99
71) Pentachlorophenol	17.092	266	292697	19.106	ng/ul	99
72) Phenanthrene	17.516	178	2197163	17.486	ng/ul	99
74) Anthracene	17.604	178	2249291	17.821	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.493	216	553302	18.255	ng/ul	98
76) Pentachlorobenzene	14.998	250	494460	18.181	ng/ul	99
77) Carbazole	17.886	167	2119620	18.224	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2601402	19.321	ng/ul	99
80) Fluoranthene	19.475	202	2615138	17.835	ng/ul	99
82) Pyrene	19.833	202	2729406	17.628	ng/ul	96
83) Butylbenzylphthalate	20.686	149	1253201	20.092	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.486	252	950118	18.610	ng/ul	99
85) Benzo(a)anthracene	21.551	228	2807691	17.818	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.427	149	1842760	20.357	ng/ul	99
87) Chrysene	21.610	228	2603387	17.656	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	3273928	19.204	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2838229	17.447	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	2840089	17.598	ng/ul	99
93) Benzo(a)pyrene	24.039	252	2680387	17.466	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.904	276	2956273	16.322	ng/ul	99
95) Dibenzo(a,h)anthracene	26.933	278	2458758	16.313	ng/ul	99
96) Benzo(g,h,i)perylene	27.768	276	2295973	15.928	ng/ul	98

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

