

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018387.D
 Acq On : 26 Nov 2023 02:38
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020694

Quant Time: Nov 27 00:06:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	498678	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	2054237	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1241880	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2403377	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1632435	20.000	ng/u1	0.00
88) Perylene-d12	23.804	264	1842566	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	97337	7.311	ng/uL	0.00
4) Pyridine-d5	3.687	84	682355	18.649	ng/u1	0.00
7) Phenol-d5	7.028	99	903607	19.827	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	507494	18.622	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	756129	19.761	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	743036	20.203	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	366563	21.969	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	371335	24.098	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	788744	21.216	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	1036015	20.662	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	2166483	19.606	ng/u1	0.00
49) Acenaphthylene-d8	14.193	160	2503028	19.879	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	292227	19.156	ng/u1	0.00
60) Fluorene-d10	15.487	176	1800979	19.485	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	224593	21.952	ng/u1	0.00
73) Anthracene-d10	17.345	188	2537762	19.755	ng/u1	0.00
81) Pyrene-d10	19.586	212	2503328	19.268	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	2121966	19.864	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	104013	7.285	ng/uL#	90
5) Pyridine	3.705	79	682716	18.519	ng/u1	97
6) Benzaldehyde	7.005	77	508347	21.078	ng/u1	94
8) Phenol	7.058	94	884741	19.791	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.293	93	721042	19.363	ng/u1	97
12) 2-Chlorophenol	7.428	128	758346	19.754	ng/u1	95
13) 2-Methylphenol	8.311	108	698946	20.073	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	888705	16.790	ng/u1	96
16) Acetophenone	8.693	105	1099785	19.542	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.681	70	500174	15.910	ng/u1	93
18) 4-Methylphenol	8.640	108	745166	20.040	ng/u1	99
19) Hexachloroethane	8.946	117	298823	18.640	ng/u1	94
22) Nitrobenzene	9.069	77	770191	19.703	ng/u1	94
23) Isophorone	9.599	82	1499171	17.207	ng/u1	97
25) 2-Nitrophenol	9.781	139	405342	23.379	ng/u1	91
26) 2,4-Dimethylphenol	9.840	107	760774	19.544	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.087	93	985595	18.731	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	756195	21.235	ng/u1	98
30) Naphthalene	10.716	128	2435813	19.605	ng/u1	100
32) 4-Chloroaniline	10.828	127	980605	20.725	ng/u1	99
33) Hexachlorobutadiene	11.005	225	534982	22.027	ng/u1	98
34) Caprolactam	11.599	113	193446	18.851	ng/u1	87
35) 4-Chloro-3-methylphenol	11.952	107	704609	18.506	ng/u1	94
36) 2-Methylnaphthalene	12.322	142	1690430	19.225	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	1687273	19.063	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	988172	22.530	ng/ul	97
40) Hexachlorocyclopentadiene	12.669	237	470496	18.940	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	599329	22.753	ng/ul	98
42) 2,4,5-Trichlorophenol	12.999	196	629561	22.103	ng/ul	98
43) 1,1'-Biphenyl	13.334	154	2204271	20.372	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1761646	20.570	ng/ul	98
45) 2-Nitroaniline	13.575	65	368149	19.979	ng/ul	91
47) Dimethylphthalate	13.963	163	2118270	19.592	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	406494	22.300	ng/ul	91
50) Acenaphthylene	14.216	152	2778640	19.798	ng/ul	100
51) 3-Nitroaniline	14.404	138	396602	21.898	ng/ul#	91
52) Acenaphthene	14.563	153	1787468	19.496	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	126046	19.820	ng/ul	97
55) 4-Nitrophenol	14.704	109	203625	18.017	ng/ul	94
56) Dibenzofuran	14.898	168	2483120	19.810	ng/ul	97
57) 2,4-Dinitrotoluene	14.857	165	549098	22.291	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.122	232	496459	22.194	ng/ul	93
59) Diethylphthalate	15.328	149	2042653	18.807	ng/ul	99
61) Fluorene	15.545	166	1952690	19.103	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.545	204	1048174	20.194	ng/ul	96
63) 4-Nitroaniline	15.563	138	352198	20.605	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.622	198	246201	21.697	ng/ul	95
67) N-Nitrosodiphenylamine	15.757	169	1646384	20.201	ng/ul	99
68) 4-Bromophenyl-phenylether	16.440	248	641869	21.153	ng/ul	96
69) Hexachlorobenzene	16.545	284	751406	22.150	ng/ul	93
70) Atrazine	16.716	200	536973	21.582	ng/ul	97
71) Pentachlorophenol	16.892	266	381412	21.882	ng/ul	98
72) Phenanthrene	17.292	178	2881627	19.712	ng/ul	100
74) Anthracene	17.381	178	2907221	19.702	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.299	216	978023	23.675	ng/ul	99
76) Pentachlorobenzene	14.810	250	926304	23.083	ng/ul	100
77) Carbazole	17.651	167	2372956	19.849	ng/ul	98
78) Di-n-butylphthalate	18.216	149	3214296	19.330	ng/ul	100
80) Fluoranthene	19.263	202	2992696	19.282	ng/ul	97
82) Pyrene	19.616	202	2993870	19.156	ng/ul	97
83) Butylbenzylphthalate	20.510	149	1060438	18.334	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	809389	20.500	ng/ul	99
85) Benzo(a)anthracene	21.339	228	2598374	19.531	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1555797	17.929	ng/ul	99
87) Chrysene	21.392	228	2396087	19.792	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	2220697	16.371	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2499086	18.673	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	2547857	19.123	ng/ul	99
93) Benzo(a)pyrene	23.692	252	2424844	19.701	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.398	276	3017566	21.203	ng/ul	97
95) Dibenzo(a,h)anthracene	26.445	278	2487850	21.353	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	2478694	21.506	ng/ul	97

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

