

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
 Data File : BP021885.D
 Acq On : 11 Sep 2024 15:39
 Operator : RC/JU
 Sample : SSTD08035
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080613

Quant Time: Sep 11 17:10:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 15:08:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	125314	20.000	ng/u1	0.01
20) Naphthalene-d8	10.516	136	515040	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.351	164	518257	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.151	188	1235240	20.000	ng/u1	0.02
79) Chrysene-d12	21.580	240	1276218	20.000	ng/u1	0.01
88) Perylene-d12	24.910	264	1142202	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	118138	30.009	ng/uL	0.00
4) Pyridine-d5	3.681	84	810232	72.153	ng/u1	0.00
7) Phenol-d5	6.934	99	767006	60.576	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	423633	60.994	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	651352	76.757	ng/u1	0.01
15) 4-Methylphenol-d8	8.458	113	651850	65.581	ng/u1	0.02
21) Nitrobenzene-d5	8.899	128	323420	79.411	ng/u1	0.02
24) 2-Nitrophenol-d4	9.610	143	380271	90.830	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.146	165	778076	92.808	ng/u1	0.01
31) 4-Chloroaniline-d4	10.652	131	963494	80.499	ng/u1	0.01
46) Dimethylphthalate-d6	13.769	166	2498560	63.180	ng/u1	0.02
49) Acenaphthylene-d8	14.051	160	2816671	64.093	ng/u1	0.02
54) 4-Nitrophenol-d4	14.569	143	584652	77.866	ng/u1	0.02
60) Fluorene-d10	15.363	176	2725443	75.533	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.487	200	626854	92.557	ng/u1	0.01
73) Anthracene-d10	17.257	188	4433352	76.445	ng/u1	0.02
81) Pyrene-d10	19.616	212	5732727	79.376	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.698	264	5095176	84.397	ng/u1	0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	124187	29.886	ng/uL	97
5) Pyridine	3.699	79	815252	72.022	ng/u1	99
6) Benzaldehyde	6.905	77	325406	50.249	ng/u1	94
8) Phenol	6.963	94	780245	59.110	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.187	93	584628	57.449	ng/u1	98
12) 2-Chlorophenol	7.328	128	650275	73.385	ng/u1	96
13) 2-Methylphenol	8.193	108	602758	63.038	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.269	45	644565	63.969	ng/u1	98
16) Acetophenone	8.569	105	1020713	64.282	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.563	70	487496	64.655	ng/u1	98
18) 4-Methylphenol	8.522	108	662162	63.060	ng/u1	98
19) Hexachloroethane	8.822	117	276977	69.840	ng/u1	85
22) Nitrobenzene	8.940	77	782665	69.889	ng/u1	97
23) Isophorone	9.469	82	1432621	64.957	ng/u1	98
25) 2-Nitrophenol	9.640	139	403967	87.456	ng/u1	93
26) 2,4-Dimethylphenol	9.705	107	777869	70.463	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.934	93	832080	60.561	ng/u1	100
29) 2,4-Dichlorophenol	10.175	162	755171	89.710	ng/u1	97
30) Naphthalene	10.569	128	2178608	76.293	ng/u1	98
32) 4-Chloroaniline	10.675	127	934961	78.210	ng/u1	100
33) Hexachlorobutadiene	10.857	225	590134	101.568	ng/u1	99
34) Caprolactam	11.469	113	133555	39.334	ng/u1	97
35) 4-Chloro-3-methylphenol	11.804	107	794073	74.120	ng/u1	97
36) 2-Methylnaphthalene	12.169	142	1632174	83.317	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	1644815	82.976	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.546	216	1139042	70.015	ng/ul	98
40) Hexachlorocyclopentadiene	12.528	237	688509	73.636	ng/ul	97
41) 2,4,6-Trichlorophenol	12.781	196	740787	71.175	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	796987	70.707	ng/ul	98
43) 1,1'-Biphenyl	13.187	154	2279037	59.492	ng/ul	99
44) 2-Chloronaphthalene	13.234	162	1852178	61.388	ng/ul	98
45) 2-Nitroaniline	13.434	65	523326	56.413	ng/ul	94
47) Dimethylphthalate	13.816	163	2459685	62.235	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	530235	72.401	ng/ul	95
50) Acenaphthylene	14.081	152	3097163	65.946	ng/ul	99
51) 3-Nitroaniline	14.257	138	565029	71.753	ng/ul	92
52) Acenaphthene	14.422	153	2552188	76.840	ng/ul	100
53) 2,4-Dinitrophenol	14.469	184	424606	96.121	ng/ul#	84
55) 4-Nitrophenol	14.587	109	487550	69.173	ng/ul#	88
56) Dibenzofuran	14.757	168	3684358	78.911	ng/ul	96
57) 2,4-Dinitrotoluene	14.722	165	990409	88.359	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.987	232	939019	94.023	ng/ul#	94
59) Diethylphthalate	15.192	149	2984503	73.264	ng/ul	98
61) Fluorene	15.422	166	2943668	72.336	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	1630795	79.074	ng/ul	94
63) 4-Nitroaniline	15.440	138	548192	65.869	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.504	198	670363	88.687	ng/ul#	92
67) N-Nitrosodiphenylamine	15.628	169	2597201	73.139	ng/ul	98
68) 4-Bromophenyl-phenylether	16.322	248	1142241	85.175	ng/ul	94
69) Hexachlorobenzene	16.439	284	625550	39.117	ng/ul	95
70) Atrazine	16.610	200	1122946	82.407	ng/ul	99
71) Pentachlorophenol	16.792	266	932210	91.306	ng/ul	92
72) Phenanthrene	17.198	178	5146082	76.365	ng/ul	99
74) Anthracene	17.292	178	5060075	74.344	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	1179422	69.664	ng/ul	98
76) Pentachlorobenzene	14.675	250	1571137	88.401	ng/ul	99
77) Carbazole	17.569	167	4568240	74.775	ng/ul	99
78) Di-n-butylphthalate	18.157	149	5174969	71.067	ng/ul	99
80) Fluoranthene	19.269	202	6514922	77.484	ng/ul	98
82) Pyrene	19.651	202	6735921	75.256	ng/ul	97
83) Butylbenzylphthalate	20.592	149	2427591	68.709	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.480	252	2207971	70.689	ng/ul	99
85) Benzo(a)anthracene	21.563	228	7115930	79.097	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	3449597	66.516	ng/ul#	96
87) Chrysene	21.627	228	6616155	77.835	ng/ul	99
89) Di-n-octyl phthalate	22.780	149	5225332	76.204	ng/ul	100
90) Benzo(b)fluoranthene	23.863	252	5993422	84.916	ng/ul	98
91) Benzo(k)fluoranthene	23.933	252	5846468	83.560	ng/ul	99
93) Benzo(a)pyrene	24.768	252	5507299	84.142	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.692	276	2735303	32.203	ng/ul	98
95) Dibenzo(a,h)anthracene	28.774	278	5493760	80.291	ng/ul	99
96) Benzo(g,h,i)perylene	29.892	276	4058296	61.541	ng/ul	99

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

