

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100124\
 Data File : BP022142.D
 Acq On : 01 Oct 2024 19:55
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020780

Quant Time: Oct 01 23:42:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	144331	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	561359	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.310	164	415375	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.110	188	982564	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1090835	20.000	ng/u1	0.00
88) Perylene-d12	24.815	264	1292363	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	25193	6.837	ng/uL	0.00
4) Pyridine-d5	3.634	84	186273	17.685	ng/u1	0.00
7) Phenol-d5	6.887	99	237206	20.091	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	135986	18.705	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	180104	21.084	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	187757	20.069	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	86450	20.576	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.552	143	103867	21.803	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	218561	21.126	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	240271	19.464	ng/u1	-0.01
46) Dimethylphthalate-d6	13.716	166	616966	19.215	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	695046	20.445	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	107467	19.567	ng/u1	-0.01
60) Fluorene-d10	15.316	176	558115	19.650	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	119668	19.617	ng/u1	0.00
73) Anthracene-d10	17.204	188	926151	20.191	ng/u1	-0.01
81) Pyrene-d10	19.575	212	1165736	20.627	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.592	264	1355612	19.943	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	28087	7.037	ng/uL	98
5) Pyridine	3.652	79	189035	17.666	ng/u1	98
6) Benzaldehyde	6.852	77	160615	24.049	ng/u1	97
8) Phenol	6.910	94	243203	19.739	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.128	93	178931	18.974	ng/u1	98
12) 2-Chlorophenol	7.275	128	183890	20.766	ng/u1	98
13) 2-Methylphenol	8.140	108	179835	20.125	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.205	45	162898	18.621	ng/u1	99
16) Acetophenone	8.505	105	299514	19.247	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	154012	19.091	ng/u1	98
18) 4-Methylphenol	8.463	108	196075	20.121	ng/u1	98
19) Hexachloroethane	8.763	117	78788	18.847	ng/u1	98
22) Nitrobenzene	8.881	77	242042	18.842	ng/u1	97
23) Isophorone	9.404	82	422302	18.979	ng/u1	97
25) 2-Nitrophenol	9.581	139	110081	21.596	ng/u1	97
26) 2,4-Dimethylphenol	9.646	107	225402	19.520	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.875	93	240621	18.760	ng/u1	98
29) 2,4-Dichlorophenol	10.110	162	212345	20.659	ng/u1	99
30) Naphthalene	10.510	128	587834	19.901	ng/u1	99
32) 4-Chloroaniline	10.616	127	238967	19.546	ng/u1	99
33) Hexachlorobutadiene	10.787	225	177772	19.480	ng/u1	98
34) Caprolactam	11.399	113	59514	19.087	ng/u1	87
35) 4-Chloro-3-methylphenol	11.746	107	225255	20.257	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	426925	19.449	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	433529	19.583	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.487	216	310784	20.180	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	82412	8.507	ng/ul	95
41) 2,4,6-Trichlorophenol	12.728	196	202829	22.031	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	218436	21.910	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	586048	19.730	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	483241	20.206	ng/ul	98
45) 2-Nitroaniline	13.381	65	143724	20.783	ng/ul	90
47) Dimethylphthalate	13.757	163	615131	19.074	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	128372	20.763	ng/ul	99
50) Acenaphthylene	14.028	152	710605	20.044	ng/ul	99
51) 3-Nitroaniline	14.204	138	119518	21.233	ng/ul	93
52) Acenaphthene	14.375	153	511785	19.868	ng/ul	98
53) 2,4-Dinitrophenol	14.422	184	79777	18.964	ng/ul	96
55) 4-Nitrophenol	14.534	109	120930	19.462	ng/ul	95
56) Dibenzofuran	14.716	168	739650	19.314	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	190232	19.966	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.945	232	201060	20.951	ng/ul	99
59) Diethylphthalate	15.134	149	589113	18.458	ng/ul	98
61) Fluorene	15.375	166	615024	19.311	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	348204	18.990	ng/ul	99
63) 4-Nitroaniline	15.398	138	131754	22.998	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.451	198	129889	19.558	ng/ul	97
67) N-Nitrosodiphenylamine	15.581	169	520393	20.109	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	239219	20.274	ng/ul	99
69) Hexachlorobenzene	16.404	284	295400	20.618	ng/ul	96
70) Atrazine	16.563	200	227995	19.749	ng/ul	100
71) Pentachlorophenol	16.757	266	200292	20.953	ng/ul	99
72) Phenanthrene	17.151	178	1021120	19.821	ng/ul	99
74) Anthracene	17.239	178	1042360	19.882	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.093	216	315726	21.413	ng/ul	97
76) Pentachlorobenzene	14.634	250	333343	20.558	ng/ul	97
77) Carbazole	17.528	167	928663	20.098	ng/ul	99
78) Di-n-butylphthalate	18.104	149	1014851	19.051	ng/ul	99
80) Fluoranthene	19.233	202	1352318	20.936	ng/ul	98
82) Pyrene	19.610	202	1407528	20.244	ng/ul	98
83) Butylbenzylphthalate	20.563	149	505209	20.850	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.433	252	536343	21.474	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1482153	19.716	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	705029	19.831	ng/ul	99
87) Chrysene	21.586	228	1366627	19.370	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	1235654	19.355	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1537432	19.164	ng/ul	98
91) Benzo(k)fluoranthene	23.839	252	1574899	19.696	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1432931	19.384	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.539	276	1930081	20.024	ng/ul	98
95) Dibenzo(a,h)anthracene	28.609	278	1565193	20.158	ng/ul#	97
96) Benzo(g,h,i)perylene	29.674	276	1493165	19.965	ng/ul	99

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

