

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
 Data File : BP022500.D
 Acq On : 20 Oct 2024 08:31
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020666

Quant Time: Oct 21 04:54:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	170401	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	673231	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	513842	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1054998	20.000	ng/ul	-0.01
79) Chrysene-d12	21.498	240	824047	20.000	ng/ul	0.00
88) Perylene-d12	24.769	264	1033197	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	28910	6.593	ng/uL	0.00
4) Pyridine-d5	3.611	84	212099	17.619	ng/ul	0.00
7) Phenol-d5	6.852	99	274258	19.120	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	165479	19.629	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	213191	20.946	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	231913	20.260	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	108029	20.869	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	130297	21.741	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	267582	21.007	ng/ul	0.00
31) 4-Chloroaniline-d4	10.558	131	275833	18.327	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	825600	20.222	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	884515	20.398	ng/ul	0.00
54) 4-Nitrophenol-d4	14.499	143	108011	15.770	ng/ul	0.00
60) Fluorene-d10	15.269	176	686567	19.388	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	134092	19.326	ng/ul	0.00
73) Anthracene-d10	17.175	188	1019230	20.537	ng/ul	0.00
81) Pyrene-d10	19.551	212	974303	22.358	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.545	264	1087040	19.701	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	30585	6.487	ng/uL	99
5) Pyridine	3.629	79	214024	17.340	ng/ul	99
6) Benzaldehyde	6.822	77	130447	16.829	ng/ul	96
8) Phenol	6.881	94	280616	18.804	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	225341	20.176	ng/ul	98
12) 2-Chlorophenol	7.240	128	212039	20.147	ng/ul	95
13) 2-Methylphenol	8.105	108	216728	20.011	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.175	45	256368	19.750	ng/ul	96
16) Acetophenone	8.475	105	368992	19.525	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.464	70	197228	20.599	ng/ul	96
18) 4-Methylphenol	8.434	108	232819	19.378	ng/ul	96
19) Hexachloroethane	8.722	117	98802	20.157	ng/ul	97
22) Nitrobenzene	8.846	77	299125	19.359	ng/ul	98
23) Isophorone	9.369	82	554330	20.009	ng/ul	98
25) 2-Nitrophenol	9.546	139	134012	20.749	ng/ul	96
26) 2,4-Dimethylphenol	9.605	107	277387	19.759	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.840	93	318514	20.248	ng/ul	98
29) 2,4-Dichlorophenol	10.081	162	259746	20.708	ng/ul	98
30) Naphthalene	10.469	128	718551	20.039	ng/ul	98
32) 4-Chloroaniline	10.581	127	273855	18.433	ng/ul	97
33) Hexachlorobutadiene	10.752	225	220785	20.884	ng/ul	100
34) Caprolactam	11.363	113	69332m	17.145	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	274323	20.045	ng/ul	99
36) 2-Methylnaphthalene	12.081	142	533433	20.266	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	551695	20.535	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	406190	21.379	ng/ul	96
40) Hexachlorocyclopentadiene	12.428	237	156516	13.521	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	246122	20.594	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	265367	20.853	ng/ul	97
43) 1,1'-Biphenyl	13.099	154	759454	20.505	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	634668	20.933	ng/ul	99
45) 2-Nitroaniline	13.352	65	176208	19.464	ng/ul	96
47) Dimethylphthalate	13.734	163	830377	20.412	ng/ul	99
48) 2,6-Dinitrotoluene	13.852	165	165016	21.445	ng/ul	96
50) Acenaphthylene	13.999	152	926041	20.577	ng/ul	99
51) 3-Nitroaniline	14.187	138	132559	18.342	ng/ul	93
52) Acenaphthene	14.340	153	629034	19.767	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	78552	13.875	ng/ul	96
55) 4-Nitrophenol	14.510	109	121600	15.997	ng/ul	94
56) Dibenzofuran	14.675	168	938575	19.635	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	232351	19.432	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.904	232	228447	19.233	ng/ul#	97
59) Diethylphthalate	15.116	149	791310	20.275	ng/ul	98
61) Fluorene	15.340	166	755968	19.409	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.340	204	455240	20.439	ng/ul	99
63) 4-Nitroaniline	15.369	138	123493	16.981	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.434	198	138634	18.549	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	627662	22.216	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	305470	24.010	ng/ul	98
69) Hexachlorobenzene	16.363	284	357680	22.840	ng/ul	97
70) Atrazine	16.522	200	174375	14.849	ng/ul	95
71) Pentachlorophenol	16.722	266	186734	18.545	ng/ul	96
72) Phenanthrene	17.122	178	1142372	20.239	ng/ul	99
74) Anthracene	17.210	178	1153918	20.486	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	393308	24.484	ng/uL	98
76) Pentachlorobenzene	14.599	250	425058	23.936	ng/uL	99
77) Carbazole	17.492	167	878695	17.630	ng/ul	100
78) Di-n-butylphthalate	18.081	149	1162608	21.082	ng/ul	100
80) Fluoranthene	19.204	202	1176414	23.483	ng/ul	98
82) Pyrene	19.581	202	1203164	22.408	ng/ul	97
83) Butylbenzylphthalate	20.528	149	396241	21.196	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	335111	17.060	ng/ul	97
85) Benzo(a)anthracene	21.481	228	1149600	19.900	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	542912	20.233	ng/ul	98
87) Chrysene	21.551	228	1045450	19.517	ng/ul	100
89) Di-n-octyl phthalate	22.651	149	862520	17.550	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	1292226	19.869	ng/ul	99
91) Benzo(k)fluoranthene	23.804	252	1289730	20.255	ng/ul	99
93) Benzo(a)pyrene	24.616	252	1213053	20.266	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.468	276	1575287	19.722	ng/ul	99
95) Dibenzo(a,h)anthracene	28.533	278	1295798	20.034	ng/ul	98
96) Benzo(g,h,i)perylene	29.604	276	1252346	20.157	ng/ul	100

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

