

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018732.D
 Acq On : 11 Dec 2023 18:17
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020719

Quant Time: Dec 11 18:44:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	290713	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.634	136	1088467	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.469	164	658219	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.222	188	1477255	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1574820	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1889867	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	67727	7.939	ng/uL	-0.01
4) Pyridine-d5	3.675	84	455794	19.946	ng/u1	-0.01
7) Phenol-d5	7.005	99	526238	18.038	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.175	67	307073	17.759	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.363	132	415478	18.251	ng/u1	-0.02
15) 4-Methylphenol-d8	8.552	113	395294	16.743	ng/u1	-0.02
21) Nitrobenzene-d5	8.999	128	185292	19.127	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.722	143	189628	18.880	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.257	165	402803	19.613	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.775	131	531359	19.797	ng/u1	-0.02
46) Dimethylphthalate-d6	13.887	166	1125906	19.165	ng/u1	-0.02
49) Acenaphthylene-d8	14.163	160	1283782	19.846	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.675	143	198755	20.611	ng/u1	-0.01
60) Fluorene-d10	15.463	176	979062	19.854	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.586	200	164707	18.595	ng/u1	0.00
73) Anthracene-d10	17.322	188	1547248	19.923	ng/u1	0.00
81) Pyrene-d10	19.557	212	1909203	15.574	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.527	264	2133886	19.365	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	73209	7.825	ng/uL	94
5) Pyridine	3.693	79	459287	19.903	ng/u1	96
6) Benzaldehyde	6.975	77	306961	20.379	ng/u1	97
8) Phenol	7.034	94	524908	18.347	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.263	93	429631	18.285	ng/u1	100
12) 2-Chlorophenol	7.399	128	417637	18.127	ng/u1	99
13) 2-Methylphenol	8.281	108	382833	17.478	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.369	45	496520	16.654	ng/u1	99
16) Acetophenone	8.663	105	617205	17.541	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.652	70	288926	14.926	ng/u1	98
18) 4-Methylphenol	8.616	108	407188	17.025	ng/u1	99
19) Hexachloroethane	8.916	117	177783	18.823	ng/u1	89
22) Nitrobenzene	9.040	77	447659	19.006	ng/u1	98
23) Isophorone	9.569	82	824765	17.174	ng/u1	99
25) 2-Nitrophenol	9.751	139	209096	19.443	ng/u1	97
26) 2,4-Dimethylphenol	9.816	107	382850	18.203	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.057	93	541637	17.865	ng/u1	99
29) 2,4-Dichlorophenol	10.281	162	391688	19.800	ng/u1	97
30) Naphthalene	10.687	128	1277858	19.353	ng/u1	99
32) 4-Chloroaniline	10.798	127	513705	20.081	ng/u1	100
33) Hexachlorobutadiene	10.969	225	286787	21.647	ng/u1	99
34) Caprolactam	11.575	113	103088	16.995	ng/u1	92
35) 4-Chloro-3-methylphenol	11.922	107	382405	17.256	ng/u1	99
36) 2-Methylnaphthalene	12.298	142	857702	18.335	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	858889	18.181	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	514192	21.531	ng/ul	100
40) Hexachlorocyclopentadiene	12.640	237	278432	19.670	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	310149	20.189	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	335040	20.116	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	1132922	19.901	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	906694	20.166	ng/ul	97
45) 2-Nitroaniline	13.557	65	220318	18.076	ng/ul	98
47) Dimethylphthalate	13.934	163	1114353	19.270	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	206363	18.888	ng/ul	94
50) Acenaphthylene	14.192	152	1442700	19.836	ng/ul	100
51) 3-Nitroaniline	14.381	138	223830	20.523	ng/ul	100
52) Acenaphthene	14.534	153	951403	19.785	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	107084	18.494	ng/ul	98
55) 4-Nitrophenol	14.692	109	153993	21.137	ng/ul	94
56) Dibenzofuran	14.869	168	1344995	20.124	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	309290	20.125	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.098	232	283790	20.314	ng/ul	95
59) Diethylphthalate	15.298	149	1077034	19.033	ng/ul	99
61) Fluorene	15.522	166	1082065	20.461	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	575860	20.762	ng/ul	94
63) 4-Nitroaniline	15.545	138	232804	22.407	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.598	198	180359	19.045	ng/ul	96
67) N-Nitrosodiphenylamine	15.733	169	923654	18.869	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	359902	19.298	ng/ul	93
69) Hexachlorobenzene	16.522	284	417686	20.060	ng/ul	97
70) Atrazine	16.686	200	308477	21.196	ng/ul	99
71) Pentachlorophenol	16.869	266	249664	20.161	ng/ul	100
72) Phenanthrene	17.263	178	1767587	19.812	ng/ul	99
74) Anthracene	17.357	178	1784284	19.952	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	508586	19.911	ng/ul	99
76) Pentachlorobenzene	14.787	250	489249	19.499	ng/ul	100
77) Carbazole	17.628	167	1605239	22.521	ng/ul	99
78) Di-n-butylphthalate	18.186	149	1836978	19.355	ng/ul	100
80) Fluoranthene	19.233	202	2186101	15.087	ng/ul	97
82) Pyrene	19.586	202	2289501	15.662	ng/ul	96
83) Butylbenzylphthalate	20.463	149	842681	15.746	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	798116	20.855	ng/ul	100
85) Benzo(a)anthracene	21.298	228	2458841	19.236	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1278508	17.382	ng/ul	98
87) Chrysene	21.351	228	2287994	19.437	ng/ul	100
89) Di-n-octyl phthalate	22.139	149	2227542	16.143	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	2597297	18.640	ng/ul	99
91) Benzo(k)fluoranthene	23.004	252	2548842	18.905	ng/ul	99
93) Benzo(a)pyrene	23.574	252	2458405	19.309	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.139	276	3115934	20.483	ng/ul	97
95) Dibenzo(a,h)anthracene	26.162	278	2587029	20.444	ng/ul	98
96) Benzo(g,h,i)perylene	26.904	276	2478097	20.242	ng/ul	96

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

