

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019124.D
 Acq On : 28 Dec 2023 10:52
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020727

Quant Time: Dec 28 12:02:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 03:15:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	146207	20.000	ng/u1	0.00
20) Naphthalene-d8	10.605	136	559305	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	348325	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	805334	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	900961	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1091797	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	32245	7.532	ng/uL	0.00
4) Pyridine-d5	3.652	84	216355	20.135	ng/u1	0.00
7) Phenol-d5	6.981	99	254589	19.417	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	156944	20.691	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	201238	19.038	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	197348	19.333	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	93111	19.258	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	97590	18.677	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	201410	19.088	ng/u1	0.00
31) 4-Chloroaniline-d4	10.752	131	251211	19.356	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	590529	19.194	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	644555	19.308	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	97666	18.799	ng/u1	0.00
60) Fluorene-d10	15.451	176	512758	19.291	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	92551	17.530	ng/u1	0.00
73) Anthracene-d10	17.310	188	812069	19.309	ng/u1	0.00
81) Pyrene-d10	19.557	212	1045217	19.036	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	1192794	19.007	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	34673	7.366	ng/uL	97
5) Pyridine	3.676	79	218740	20.055	ng/u1	94
6) Benzaldehyde	6.952	77	123437	20.276	ng/u1	99
8) Phenol	7.011	94	255604	19.737	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.240	93	212390	20.269	ng/u1	99
12) 2-Chlorophenol	7.369	128	204532	18.906	ng/u1	99
13) 2-Methylphenol	8.258	108	186117	19.427	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	262671	21.250	ng/u1	99
16) Acetophenone	8.634	105	305223	19.964	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.622	70	148180	19.437	ng/u1	98
18) 4-Methylphenol	8.587	108	200024	19.397	ng/u1	95
19) Hexachloroethane	8.881	117	88730	19.553	ng/u1	98
22) Nitrobenzene	9.016	77	233581	19.775	ng/u1	100
23) Isophorone	9.540	82	411551	19.321	ng/u1	98
25) 2-Nitrophenol	9.722	139	105882	18.978	ng/u1	97
26) 2,4-Dimethylphenol	9.793	107	198290	20.188	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	275102	19.541	ng/u1	98
29) 2,4-Dichlorophenol	10.258	162	198730	19.274	ng/u1	99
30) Naphthalene	10.657	128	644509	19.113	ng/u1	100
32) 4-Chloroaniline	10.775	127	243324	19.538	ng/u1	99
33) Hexachlorobutadiene	10.934	225	153727	19.373	ng/u1	98
34) Caprolactam	11.569	113	48652	17.864	ng/u1	99
35) 4-Chloro-3-methylphenol	11.904	107	192653	19.034	ng/u1	94
36) 2-Methylnaphthalene	12.269	142	422904	18.601	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	428726	18.699	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.640	216	268439	18.712	ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	146997	18.460	ng/ul	99
41) 2,4,6-Trichlorophenol	12.887	196	156312	18.258	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	168125	18.499	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	576852	18.985	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	461603	18.933	ng/ul	99
45) 2-Nitroaniline	13.540	65	114558	19.572	ng/ul	89
47) Dimethylphthalate	13.916	163	581355	19.142	ng/ul	100
48) 2,6-Dinitrotoluene	14.040	165	106994	19.172	ng/ul	97
50) Acenaphthylene	14.175	152	733344	19.524	ng/ul	99
51) 3-Nitroaniline	14.369	138	105444	19.327	ng/ul	97
52) Acenaphthene	14.516	153	483638	18.999	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	55225	15.360	ng/ul	96
55) 4-Nitrophenol	14.681	109	81361	19.595	ng/ul	94
56) Dibenzofuran	14.851	168	699055	19.229	ng/ul	97
57) 2,4-Dinitrotoluene	14.828	165	158634	19.328	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.081	232	148976	18.762	ng/ul#	96
59) Diethylphthalate	15.287	149	571721	19.416	ng/ul	99
61) Fluorene	15.504	166	565760	19.444	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	304675	19.174	ng/ul	100
63) 4-Nitroaniline	15.534	138	108136	19.700	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.593	198	101081	18.083	ng/ul	97
67) N-Nitrosodiphenylamine	15.722	169	476945	19.405	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	195179	19.499	ng/ul	94
69) Hexachlorobenzene	16.510	284	233689	19.104	ng/ul	98
70) Atrazine	16.681	200	108418	15.630	ng/ul	99
71) Pentachlorophenol	16.857	266	131774	18.348	ng/ul	99
72) Phenanthrene	17.251	178	929772	19.051	ng/ul	99
74) Anthracene	17.345	178	940717	19.362	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	264607	18.897	ng/uL	99
76) Pentachlorobenzene	14.769	250	268977	19.331	ng/uL	98
77) Carbazole	17.622	167	835597	20.675	ng/ul	99
78) Di-n-butylphthalate	18.181	149	997676	19.904	ng/ul	100
80) Fluoranthene	19.228	202	1180362	18.734	ng/ul	99
82) Pyrene	19.581	202	1240966	18.799	ng/ul	99
83) Butylbenzylphthalate	20.469	149	463218	19.644	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	420872	18.674	ng/ul	98
85) Benzo(a)anthracene	21.298	228	1379353	19.377	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.228	149	698599	20.120	ng/ul	99
87) Chrysene	21.351	228	1277386	19.244	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	1230640	19.711	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	1454063	18.960	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	1435521	19.050	ng/ul	99
93) Benzo(a)pyrene	23.580	252	1376417	19.069	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.145	276	1754276	18.959	ng/ul	99
95) Dibenzo(a,h)anthracene	26.157	278	1481835	19.251	ng/ul	100
96) Benzo(g,h,i)perylene	26.898	276	1414149	19.071	ng/ul	99

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

