

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014747.D
 Acq On : 20 Apr 2023 09:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020680

Quant Time: Apr 20 22:37:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	201250	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	830717	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	507308	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.533	188	1110602	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1133696	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1213076	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	43761	8.642	ng/uL	0.00
4) Pyridine-d5	3.917	84	307733	22.322	ng/u1	0.00
7) Phenol-d5	7.287	99	350929	20.168	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	222019	20.682	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	279727	21.646	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	274473	20.234	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	122802	23.591	ng/u1	0.00
24) 2-Nitrophenol-d4	10.051	143	115358	24.536	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	274853	21.531	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	400559	20.558	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	852436	21.221	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	992675	21.324	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	141250	22.107	ng/u1	0.00
60) Fluorene-d10	15.775	176	729221	21.157	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	96992	21.580	ng/u1	0.00
73) Anthracene-d10	17.633	188	1159643	21.614	ng/u1	0.00
81) Pyrene-d10	19.845	212	1355089	20.866	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1350998	21.488	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	47853	8.750	ng/uL	96
5) Pyridine	3.934	79	309632	22.386	ng/u1	96
6) Benzaldehyde	7.275	77	210958	24.511	ng/u1	95
8) Phenol	7.316	94	378923	20.863	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.563	93	305855	20.769	ng/u1	98
12) 2-Chlorophenol	7.705	128	296072	21.910	ng/u1	99
13) 2-Methylphenol	8.581	108	273280	20.104	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.681	45	384925	20.472	ng/u1	99
16) Acetophenone	8.981	105	476649	21.124	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.963	70	223166	20.334	ng/u1	98
18) 4-Methylphenol	8.916	108	302164	20.457	ng/u1	95
19) Hexachloroethane	9.252	117	123771	21.744	ng/u1	96
22) Nitrobenzene	9.363	77	323536	22.874	ng/u1	99
23) Isophorone	9.893	82	636723	19.937	ng/u1	98
25) 2-Nitrophenol	10.081	139	139136	24.915	ng/u1	99
26) 2,4-Dimethylphenol	10.128	107	332530	21.357	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.375	93	411741	20.809	ng/u1	100
29) 2,4-Dichlorophenol	10.616	162	282520	21.927	ng/u1	99
30) Naphthalene	11.028	128	980520	21.061	ng/u1	100
32) 4-Chloroaniline	11.134	127	408274	20.684	ng/u1	99
33) Hexachlorobutadiene	11.316	225	195480	21.449	ng/u1	97
34) Caprolactam	11.887	113	79976	20.499	ng/u1	93
35) 4-Chloro-3-methylphenol	12.234	107	281626	20.914	ng/u1	97
36) 2-Methylnaphthalene	12.622	142	645348	20.764	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	643216	20.875	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	365095	21.386	ng/ul	98
40) Hexachlorocyclopentadiene	12.969	237	205121	21.235	ng/ul	98
41) 2,4,6-Trichlorophenol	13.216	196	213926	22.123	ng/ul	97
42) 2,4,5-Trichlorophenol	13.287	196	239884	22.931	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	878447	21.354	ng/ul	99
44) 2-Chloronaphthalene	13.663	162	692698	21.550	ng/ul	99
45) 2-Nitroaniline	13.857	65	148256	24.365	ng/ul	99
47) Dimethylphthalate	14.228	163	853226	21.087	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	134138	24.305	ng/ul	91
50) Acenaphthylene	14.504	152	1072973	21.267	ng/ul	99
51) 3-Nitroaniline	14.675	138	145565	23.189	ng/ul#	94
52) Acenaphthene	14.845	153	732737	21.301	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	54778	20.513	ng/ul	95
55) 4-Nitrophenol	14.963	109	117269	22.375	ng/ul	96
56) Dibenzofuran	15.181	168	1042457	21.531	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	201842	24.926	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.398	232	199296	22.435	ng/ul	95
59) Diethylphthalate	15.592	149	837427	21.330	ng/ul	100
61) Fluorene	15.828	166	862624	21.827	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.816	204	430214	21.289	ng/ul	100
63) 4-Nitroaniline	15.834	138	156525	24.948	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.892	198	101815	21.279	ng/ul	91
67) N-Nitrosodiphenylamine	16.028	169	708403	21.405	ng/ul	100
68) 4-Bromophenyl-phenylether	16.716	248	264293	21.234	ng/ul	98
69) Hexachlorobenzene	16.833	284	304949	21.116	ng/ul	98
70) Atrazine	16.975	200	245376	20.876	ng/ul	99
71) Pentachlorophenol	17.175	266	159898	20.340	ng/ul	98
72) Phenanthrene	17.575	178	1338087	21.378	ng/ul	100
74) Anthracene	17.669	178	1374846	21.666	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.587	216	372420	21.475	ng/ul	98
76) Pentachlorobenzene	15.098	250	365725	21.381	ng/ul	99
77) Carbazole	17.928	167	1207645	21.679	ng/ul	100
78) Di-n-butylphthalate	18.463	149	1373961	21.725	ng/ul	99
80) Fluoranthene	19.522	202	1563348	20.690	ng/ul	100
82) Pyrene	19.874	202	1677741	20.983	ng/ul	99
83) Butylbenzylphthalate	20.727	149	490388	22.466	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	549269	21.640	ng/ul	100
85) Benzo(a)anthracene	21.586	228	1683032	21.357	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.498	149	808295	21.952	ng/ul	100
87) Chrysene	21.645	228	1606288	21.531	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	1299557	19.800	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	1664359	21.062	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	1728577	21.872	ng/ul	100
93) Benzo(a)pyrene	24.068	252	1519938	21.658	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.898	276	1968396	21.550	ng/ul	100
95) Dibenzo(a,h)anthracene	26.921	278	1647813	21.542	ng/ul	99
96) Benzo(g,h,i)perylene	27.739	276	1576651	21.582	ng/ul	99

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

