

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014790.D
 Acq On : 21 Apr 2023 15:14
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020683

Quant Time: Apr 21 23:13:06 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	308451	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1336562	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	840565	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	1704709	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1168570	20.000	ng/u1	0.00
88) Perylene-d12	24.169	264	1060028	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	59166	7.624	ng/uL	0.00
4) Pyridine-d5	3.917	84	413130	19.552	ng/u1	0.00
7) Phenol-d5	7.287	99	509432	19.102	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.464	67	315668	19.186	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	400398	20.216	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	415145	19.968	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	192024	22.928	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	195319	25.821	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	415124	20.211	ng/u1	0.00
31) 4-Chloroaniline-d4	11.105	131	595143	18.985	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	1276571	19.180	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	1490081	19.318	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	203189	19.193	ng/u1	0.00
60) Fluorene-d10	15.769	176	1082192	18.949	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	155444	22.532	ng/u1	0.00
73) Anthracene-d10	17.628	188	1589869	19.305	ng/u1	0.00
81) Pyrene-d10	19.839	212	1611203	24.069	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	1063629	19.360	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	63801	7.612	ng/uL	95
5) Pyridine	3.934	79	416522	19.648	ng/u1	95
6) Benzaldehyde	7.275	77	297956	22.588	ng/u1	95
8) Phenol	7.317	94	537020	19.292	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.558	93	441955	19.581	ng/u1	98
12) 2-Chlorophenol	7.705	128	419606	20.260	ng/u1	99
13) 2-Methylphenol	8.587	108	401313	19.262	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.681	45	553758	19.216	ng/u1	99
16) Acetophenone	8.981	105	703964	20.355	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.964	70	336924	20.030	ng/u1#	97
18) 4-Methylphenol	8.916	108	451920	19.962	ng/u1	97
19) Hexachloroethane	9.246	117	172050	19.720	ng/u1	98
22) Nitrobenzene	9.364	77	482486	21.202	ng/u1	98
23) Isophorone	9.893	82	977352	19.020	ng/u1	99
25) 2-Nitrophenol	10.081	139	222535	24.768	ng/u1	99
26) 2,4-Dimethylphenol	10.128	107	491554	19.622	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.375	93	618513	19.428	ng/u1	99
29) 2,4-Dichlorophenol	10.616	162	420263	20.273	ng/u1	99
30) Naphthalene	11.028	128	1441769	19.248	ng/u1	99
32) 4-Chloroaniline	11.134	127	613310	19.312	ng/u1	99
33) Hexachlorobutadiene	11.316	225	278650	19.003	ng/u1	99
34) Caprolactam	11.893	113	115595	18.415	ng/u1	95
35) 4-Chloro-3-methylphenol	12.234	107	441534	20.379	ng/u1	98
36) 2-Methylnaphthalene	12.622	142	972749	19.452	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	974527	19.657	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.981	216	546284	19.313	ng/ul	98
40) Hexachlorocyclopentadiene	12.963	237	314650	19.659	ng/ul	100
41) 2,4,6-Trichlorophenol	13.216	196	330970	20.657	ng/ul	98
42) 2,4,5-Trichlorophenol	13.287	196	364909	21.053	ng/ul	99
43) 1,1'-Biphenyl	13.616	154	1325645	19.449	ng/ul	100
44) 2-Chloronaphthalene	13.663	162	1042926	19.582	ng/ul	98
45) 2-Nitroaniline	13.857	65	239930	23.798	ng/ul	96
47) Dimethylphthalate	14.228	163	1276608	19.042	ng/ul	100
48) 2,6-Dinitrotoluene	14.346	165	222616	24.345	ng/ul	93
50) Acenaphthylene	14.504	152	1609320	19.251	ng/ul	99
51) 3-Nitroaniline	14.675	138	223802	21.518	ng/ul#	94
52) Acenaphthene	14.846	153	1096338	19.235	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	92821	20.979	ng/ul	98
55) 4-Nitrophenol	14.963	109	162334	18.693	ng/ul	96
56) Dibenzofuran	15.175	168	1532296	19.101	ng/ul	98
57) 2,4-Dinitrotoluene	15.128	165	312446	23.287	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.398	232	299170	20.326	ng/ul	99
59) Diethylphthalate	15.587	149	1230768	18.920	ng/ul	99
61) Fluorene	15.822	166	1244505	19.005	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.816	204	635045	18.966	ng/ul	98
63) 4-Nitroaniline	15.834	138	212526	20.444	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.893	198	161304	21.963	ng/ul	91
67) N-Nitrosodiphenylamine	16.028	169	1030326	20.283	ng/ul	99
68) 4-Bromophenyl-phenylether	16.710	248	383010	20.047	ng/ul	96
69) Hexachlorobenzene	16.828	284	432029	19.489	ng/ul	97
70) Atrazine	16.975	200	344343	19.086	ng/ul	100
71) Pentachlorophenol	17.169	266	221775	18.379	ng/ul	99
72) Phenanthrene	17.569	178	1845522	19.209	ng/ul	99
74) Anthracene	17.663	178	1871469	19.214	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.587	216	557715	20.951	ng/ul	98
76) Pentachlorobenzene	15.093	250	537591	20.475	ng/ul	99
77) Carbazole	17.922	167	1583067	18.514	ng/ul	100
78) Di-n-butylphthalate	18.457	149	1845565	19.012	ng/ul	100
80) Fluoranthene	19.516	202	1917930	24.626	ng/ul	99
82) Pyrene	19.869	202	1972461	23.933	ng/ul	98
83) Butylbenzylphthalate	20.722	149	549597	24.427	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	471956	18.039	ng/ul	98
85) Benzo(a)anthracene	21.581	228	1594897	19.635	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	765163	20.160	ng/ul	99
87) Chrysene	21.639	228	1494349	19.433	ng/ul	100
89) Di-n-octyl phthalate	22.469	149	1070375	18.663	ng/ul	100
90) Benzo(b)fluoranthene	23.375	252	1390803	20.141	ng/ul	100
91) Benzo(k)fluoranthene	23.433	252	1368417	19.815	ng/ul	100
93) Benzo(a)pyrene	24.057	252	1213047	19.780	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.880	276	1591124	19.934	ng/ul	99
95) Dibenzo(a,h)anthracene	26.898	278	1327776	19.864	ng/ul	98
96) Benzo(g,h,i)perylene	27.715	276	1276128	19.990	ng/ul	97

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

