

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014745.D
 Acq On : 19 Apr 2023 23:57
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020679

Quant Time: Apr 20 03:58:16 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	251635	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1031768	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	637711	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	1408991	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1421125	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1583210	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	54118	8.548	ng/uL	0.00
4) Pyridine-d5	3.917	84	379084	21.992	ng/u1	0.00
7) Phenol-d5	7.287	99	450313	20.698	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	270065	20.121	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	357101	22.101	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	353658	20.851	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	162734	25.171	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	162592	27.844	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	354193	22.339	ng/u1	0.00
31) 4-Chloroaniline-d4	11.105	131	509643	21.060	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	1050815	20.810	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	1241983	21.224	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	193566	24.100	ng/u1	0.00
60) Fluorene-d10	15.769	176	902878	20.838	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	136864	24.003	ng/u1	0.00
73) Anthracene-d10	17.628	188	1439925	21.154	ng/u1	0.00
81) Pyrene-d10	19.845	212	1698174	20.860	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	1723509	21.004	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	57630	8.428	ng/uL	96
5) Pyridine	3.934	79	384409	22.227	ng/u1	93
6) Benzaldehyde	7.275	77	261099	24.263	ng/u1	96
8) Phenol	7.316	94	469630	20.680	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.564	93	374191	20.322	ng/u1	97
12) 2-Chlorophenol	7.705	128	371334	21.977	ng/u1	97
13) 2-Methylphenol	8.581	108	350404	20.616	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.687	45	457280	19.451	ng/u1	98
16) Acetophenone	8.981	105	585146	20.740	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.963	70	274796	20.025	ng/u1	98
18) 4-Methylphenol	8.916	108	383116	20.744	ng/u1	97
19) Hexachloroethane	9.252	117	149837	21.052	ng/u1	93
22) Nitrobenzene	9.363	77	403652	22.977	ng/u1	98
23) Isophorone	9.893	82	804984	20.294	ng/u1	98
25) 2-Nitrophenol	10.081	139	188624	27.196	ng/u1	97
26) 2,4-Dimethylphenol	10.128	107	412693	21.340	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.375	93	499847	20.339	ng/u1	98
29) 2,4-Dichlorophenol	10.616	162	351390	21.958	ng/u1	98
30) Naphthalene	11.034	128	1206053	20.857	ng/u1	99
32) 4-Chloroaniline	11.134	127	515343	21.021	ng/u1	98
33) Hexachlorobutadiene	11.316	225	230101	20.328	ng/u1	96
34) Caprolactam	11.887	113	110280	22.758	ng/u1	97
35) 4-Chloro-3-methylphenol	12.234	107	362831	21.694	ng/u1	95
36) 2-Methylnaphthalene	12.622	142	790345	20.474	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	790784	20.663	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.987	216	446455	20.804	ng/u1	99
40) Hexachlorocyclopentadiene	12.969	237	256309	21.108	ng/u1	99
41) 2,4,6-Trichlorophenol	13.216	196	275432	22.660	ng/u1	96
42) 2,4,5-Trichlorophenol	13.287	196	307240	23.365	ng/u1	100
43) 1,1'-Biphenyl	13.622	154	1071984	20.730	ng/u1	99
44) 2-Chloronaphthalene	13.663	162	851331	21.069	ng/u1	99
45) 2-Nitroaniline	13.857	65	204097	26.683	ng/u1	99
47) Dimethylphthalate	14.228	163	1057597	20.793	ng/u1	99
48) 2,6-Dinitrotoluene	14.345	165	184863	26.647	ng/u1	91
50) Acenaphthylene	14.504	152	1330224	20.974	ng/u1	99
51) 3-Nitroaniline	14.675	138	203706	25.816	ng/u1#	95
52) Acenaphthene	14.845	153	910909	21.065	ng/u1	100
53) 2,4-Dinitrophenol	14.875	184	85051	25.337	ng/u1	98
55) 4-Nitrophenol	14.963	109	152275	23.113	ng/u1	94
56) Dibenzofuran	15.181	168	1267650	20.829	ng/u1	98
57) 2,4-Dinitrotoluene	15.128	165	273599	26.878	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.398	232	258895	23.185	ng/u1	97
59) Diethylphthalate	15.587	149	1040167	21.076	ng/u1	99
61) Fluorene	15.828	166	1056166	21.260	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.816	204	523020	20.589	ng/u1	99
63) 4-Nitroaniline	15.834	138	222962	28.271	ng/u1	95
66) 4,6-Dinitro-2-methylph...	15.892	198	143387	23.622	ng/u1#	90
67) N-Nitrosodiphenylamine	16.028	169	882341	21.015	ng/u1	100
68) 4-Bromophenyl-phenylether	16.716	248	323607	20.493	ng/u1	98
69) Hexachlorobenzene	16.834	284	373018	20.359	ng/u1	100
70) Atrazine	16.975	200	318836	21.381	ng/u1	98
71) Pentachlorophenol	17.169	266	216866	21.744	ng/u1	98
72) Phenanthrene	17.575	178	1655868	20.852	ng/u1	100
74) Anthracene	17.663	178	1705438	21.184	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	455142	20.687	ng/u1	99
76) Pentachlorobenzene	15.098	250	443801	20.451	ng/u1	98
77) Carbazole	17.922	167	1542840	21.831	ng/u1	99
78) Di-n-butylphthalate	18.463	149	1727374	21.529	ng/u1	100
80) Fluoranthene	19.516	202	1980477	20.910	ng/u1	99
82) Pyrene	19.869	202	2090115	20.854	ng/u1	97
83) Butylbenzylphthalate	20.728	149	664136	24.272	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.510	252	697100	21.910	ng/u1	99
85) Benzo(a)anthracene	21.586	228	2109784	21.358	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	1054728	22.851	ng/u1	100
87) Chrysene	21.639	228	1990061	21.280	ng/u1	99
89) Di-n-octyl phthalate	22.474	149	1735300	20.258	ng/u1	100
90) Benzo(b)fluoranthene	23.380	252	2186893	21.205	ng/u1	99
91) Benzo(k)fluoranthene	23.439	252	2125384	20.606	ng/u1	100
93) Benzo(a)pyrene	24.063	252	1948391	21.272	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.892	276	2539460	21.302	ng/u1	98
95) Dibenzo(a,h)anthracene	26.915	278	2121889	21.254	ng/u1	99
96) Benzo(g,h,i)perylene	27.733	276	2031534	21.307	ng/u1	98

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

