

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082123\
 Data File : BP016692.D
 Acq On : 22 Aug 2023 01:20
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020696

Quant Time: Aug 22 01:53:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	443448	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1985488	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.693	164	1227665	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.463	188	2693120	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	2334413	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	2297190	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	84923	7.277	ng/uL	0.00
4) Pyridine-d5	3.828	84	610382	17.191	ng/u1	0.00
7) Phenol-d5	7.187	99	694853	16.996	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	467322	17.355	ng/u1	0.00
11) 2-Chlorophenol-d4	7.564	132	520240	17.717	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	569665	17.524	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	268617	19.227	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.958	143	274610	20.696	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	505980	19.377	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.034	131	796670	17.781	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	1608793	18.118	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	1867599	18.634	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.898	143	312873	17.296	ng/u1	0.00
60) Fluorene-d10	15.687	176	1357291	17.930	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.810	200	231281	18.052	ng/u1	0.00
73) Anthracene-d10	17.563	188	2099783	18.025	ng/u1	0.00
81) Pyrene-d10	19.792	212	2410438	19.706	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1977988	17.967	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	90254	7.034	ng/uL	97
5) Pyridine	3.846	79	637837	17.314	ng/u1	99
6) Benzaldehyde	7.199	77	463918	20.585	ng/u1	98
8) Phenol	7.211	94	740198	16.940	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.475	93	608423	17.237	ng/u1	98
12) 2-Chlorophenol	7.599	128	535948	17.346	ng/u1	99
13) 2-Methylphenol	8.481	108	542426	17.090	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.558	45	857738	17.436	ng/u1	99
16) Acetophenone	8.893	105	925455	17.630	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.863	70	515757	18.319	ng/u1	98
18) 4-Methylphenol	8.816	108	599695	17.191	ng/u1	98
19) Hexachloroethane	9.116	117	225086	17.437	ng/u1	97
22) Nitrobenzene	9.287	77	735540	18.807	ng/u1	99
23) Isophorone	9.799	82	1415525	19.163	ng/u1	99
25) 2-Nitrophenol	9.993	139	307006	20.239	ng/u1	98
26) 2,4-Dimethylphenol	10.028	107	654803	18.311	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.287	93	857193	18.103	ng/u1	100
29) 2,4-Dichlorophenol	10.510	162	512462	19.074	ng/u1	98
30) Naphthalene	10.928	128	1808090	17.430	ng/u1	99
32) 4-Chloroaniline	11.057	127	790684	17.818	ng/u1	100
33) Hexachlorobutadiene	11.157	225	293633	18.131	ng/u1	99
34) Caprolactam	11.869	113	188842	18.067	ng/u1	96
35) 4-Chloro-3-methylphenol	12.146	107	630280	19.192	ng/u1	99
36) 2-Methylnaphthalene	12.528	142	1240524	17.852	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.746	142	1261016	18.023	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	594773	18.113	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	318366	15.935	ng/ul	100
41) 2,4,6-Trichlorophenol	13.122	196	399723	19.560	ng/ul	99
42) 2,4,5-Trichlorophenol	13.193	196	437631	19.756	ng/ul	99
43) 1,1'-Biphenyl	13.534	154	1622464	17.780	ng/ul	99
44) 2-Chloronaphthalene	13.581	162	1262145	17.777	ng/ul	99
45) 2-Nitroaniline	13.804	65	432895	20.165	ng/ul	98
47) Dimethylphthalate	14.157	163	1620575	17.850	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	318509	20.254	ng/ul	97
50) Acenaphthylene	14.422	152	2137761	18.111	ng/ul	100
51) 3-Nitroaniline	14.634	138	348113	19.743	ng/ul	95
52) Acenaphthene	14.757	153	1394288	17.647	ng/ul	98
53) 2,4-Dinitrophenol	14.834	184	205480	23.472	ng/ul	92
55) 4-Nitrophenol	14.910	109	259902	17.674	ng/ul	97
56) Dibenzofuran	15.098	168	1875727	17.400	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	475276	20.183	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.310	232	364828	19.657	ng/ul	96
59) Diethylphthalate	15.510	149	1665992	17.947	ng/ul	99
61) Fluorene	15.745	166	1570235	17.764	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.740	204	735521	17.726	ng/ul	97
63) 4-Nitroaniline	15.798	138	336959	19.969	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.828	198	254411	17.909	ng/ul	98
67) N-Nitrosodiphenylamine	15.957	169	1326062	18.165	ng/ul	99
68) 4-Bromophenyl-phenylether	16.640	248	443365	18.438	ng/ul	98
69) Hexachlorobenzene	16.722	284	504219	17.946	ng/ul	98
70) Atrazine	16.910	200	485570	18.488	ng/ul	98
71) Pentachlorophenol	17.087	266	316358	18.288	ng/ul	98
72) Phenanthrene	17.504	178	2482988	17.500	ng/ul	100
74) Anthracene	17.598	178	2544867	17.857	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.487	216	627129	18.323	ng/ul	97
76) Pentachlorobenzene	14.987	250	560743	18.260	ng/ul	99
77) Carbazole	17.881	167	2336021	17.787	ng/ul	100
78) Di-n-butylphthalate	18.386	149	2940969	19.344	ng/ul	100
80) Fluoranthene	19.463	202	2868979	19.652	ng/ul	98
82) Pyrene	19.822	202	2970115	19.267	ng/ul	99
83) Butylbenzylphthalate	20.680	149	1322655	21.298	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.475	252	861977	16.957	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2812750	17.928	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1926263	21.372	ng/ul	99
87) Chrysene	21.598	228	2587577	17.625	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	3190105	22.255	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	2489319	18.199	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2479678	18.274	ng/ul	99
93) Benzo(a)pyrene	24.021	252	2261858	17.530	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.874	276	2356190	15.472	ng/ul	100
95) Dibenzo(a,h)anthracene	26.904	278	1963038	15.490	ng/ul	99
96) Benzo(g,h,i)perylene	27.733	276	1844217	15.216	ng/ul	98

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

