

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP015170.D
 Acq On : 19 May 2023 13:40
 Operator : CG/JU
 Sample : 02664-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREA0MSD

Quant Time: May 19 22:10:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	276371	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1235372	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	803208	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1490843	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1325943	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1394307	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	13710	1.927	ng/uL	0.00
4) Pyridine-d5	3.887	84	32215	1.598	ng/u1	0.02
7) Phenol-d5	7.275	99	324815	12.658	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	205767	13.884	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	254371	13.482	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	247411	12.100	ng/u1	0.00
21) Nitrobenzene-d5	9.304	128	129737	13.365	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	144501	13.378	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	275589	14.139	ng/u1	0.00
31) 4-Chloroaniline-d4	11.092	131	328911	11.405	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	968303	15.954	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1063983	15.327	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	176748	14.997	ng/u1	0.00
60) Fluorene-d10	15.757	176	715656	13.974	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	133553	14.215	ng/u1	0.00
73) Anthracene-d10	17.616	188	1172446	17.175	ng/u1	0.00
81) Pyrene-d10	19.833	212	1469652	19.111	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1318544	19.050	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	37904	4.959	ng/uL	99
5) Pyridine	3.905	79	70113	3.344	ng/u1	97
6) Benzaldehyde	7.257	77	213681	30.296	ng/u1	97
8) Phenol	7.299	94	449457	17.081	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.540	93	340182	16.159	ng/u1	98
12) 2-Chlorophenol	7.681	128	319086	15.989	ng/u1	97
13) 2-Methylphenol	8.569	108	296419	14.576	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.663	45	461501	17.498	ng/u1	98
16) Acetophenone	8.957	105	678922	21.274	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.940	70	278854	16.661	ng/u1	97
18) 4-Methylphenol	8.898	108	353820	15.807	ng/u1	99
19) Hexachloroethane	9.216	117	123823	15.196	ng/u1	98
22) Nitrobenzene	9.346	77	398482	16.620	ng/u1	98
23) Isophorone	9.869	82	818608	16.611	ng/u1	100
25) 2-Nitrophenol	10.063	139	191085	16.133	ng/u1	96
26) 2,4-Dimethylphenol	10.116	107	156733	6.631	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.351	93	517279	17.252	ng/u1	98
29) 2,4-Dichlorophenol	10.598	162	327510	16.635	ng/u1	99
30) Naphthalene	11.004	128	1185821	17.656	ng/u1	99
32) 4-Chloroaniline	11.116	127	368702	12.440	ng/u1	98
33) Hexachlorobutadiene	11.287	225	203358	17.138	ng/u1	100
34) Caprolactam	11.887	113	127459	17.172	ng/u1	87
35) 4-Chloro-3-methylphenol	12.222	107	404210	18.183	ng/u1	99
36) 2-Methylnaphthalene	12.604	142	771919	17.058	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	804649	17.706	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.963	216	417775	17.391	ng/ul	97
40) Hexachlorocyclopentadiene	12.939	237	149959	9.635	ng/ul	97
41) 2,4,6-Trichlorophenol	13.204	196	282714	16.667	ng/ul	96
42) 2,4,5-Trichlorophenol	13.275	196	329105	17.894	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1117648	17.934	ng/ul	97
44) 2-Chloronaphthalene	13.645	162	868141	17.838	ng/ul	99
45) 2-Nitroaniline	13.845	65	267607	19.218	ng/ul	87
47) Dimethylphthalate	14.216	163	1153808	18.253	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	219888	17.559	ng/ul	98
50) Acenaphthylene	14.486	152	1402643	18.109	ng/ul	99
51) 3-Nitroaniline	14.669	138	237033	21.020	ng/ul	99
52) Acenaphthene	14.828	153	915142	17.299	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	118599	14.264	ng/ul	96
55) 4-Nitrophenol	14.963	109	171717	19.809	ng/ul	96
56) Dibenzofuran	15.163	168	1280030	17.396	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	338485	18.679	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.386	232	263901	17.002	ng/ul	96
59) Diethylphthalate	15.575	149	1055838	16.747	ng/ul	99
61) Fluorene	15.810	166	936700	15.841	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	457174	15.824	ng/ul	96
63) 4-Nitroaniline	15.828	138	215669	22.148	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.886	198	176354	18.187	ng/ul	97
67) N-Nitrosodiphenylamine	16.016	169	844526	19.265	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	300912	19.596	ng/ul	98
69) Hexachlorobenzene	16.816	284	370843	20.436	ng/ul	98
70) Atrazine	16.963	200	202531	12.500	ng/ul	99
71) Pentachlorophenol	17.163	266	260265	22.929	ng/ul	98
72) Phenanthrene	17.557	178	1654667	20.382	ng/ul	100
74) Anthracene	17.651	178	1615298	19.677	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	431440	20.411	ng/ul	99
76) Pentachlorobenzene	15.081	250	427504	20.142	ng/ul	100
77) Carbazole	17.916	167	1556612	21.624	ng/ul	99
78) Di-n-butylphthalate	18.445	149	1975768	21.313	ng/ul	100
80) Fluoranthene	19.510	202	2127930	22.702	ng/ul	100
82) Pyrene	19.863	202	2209644	22.828	ng/ul	100
83) Butylbenzylphthalate	20.716	149	912858	21.273	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	466016	16.003	ng/ul	99
85) Benzo(a)anthracene	21.574	228	2056131	22.427	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	1339766	21.687	ng/ul	99
87) Chrysene	21.633	228	2021027	23.060	ng/ul	98
89) Di-n-octyl phthalate	22.451	149	2170017	22.724	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	2152855	24.356	ng/ul	99
91) Benzo(k)fluoranthene	23.415	252	2019814	23.797	ng/ul	99
93) Benzo(a)pyrene	24.039	252	1681084	21.517	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.856	276	1948616	19.262	ng/ul	98
95) Dibenzo(a,h)anthracene	26.874	278	1563573	18.828	ng/ul	100
96) Benzo(g,h,i)perylene	27.692	276	1547583	18.760	ng/ul	99

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

