

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
 Data File : BP012803.D
 Acq On : 27 Nov 2022 12:19
 Operator : CG/JU
 Sample : N5683-04MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ESQW0MSD

Quant Time: Nov 27 23:08:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Nov 27 22:55:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	783427	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	3494177	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	2301887	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	5026566	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	4965697	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	5050448	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	78168	4.276	ng/uL	0.00
4) Pyridine-d5	3.816	84	601771	10.999	ng/u1	0.00
7) Phenol-d5	7.163	99	484641	7.528	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	1294219	32.626	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	1311867	26.744	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	906704	17.481	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	884724	41.369	ng/u1	0.00
24) 2-Nitrophenol-d4	9.910	143	948374	41.763	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1683273	31.769	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	2027429	27.943	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	6079846	38.372	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	6628571	35.855	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	272726	9.655	ng/u1	0.00
60) Fluorene-d10	15.645	176	5245029	37.799	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	1103359	45.926	ng/u1	0.00
73) Anthracene-d10	17.510	188	8439134	38.140	ng/u1	0.00
81) Pyrene-d10	19.739	212	9942478	34.458	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	9933910	40.044	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	93523	4.763	ng/uL	97
5) Pyridine	3.840	79	626158	11.696	ng/u1	99
6) Benzaldehyde	7.146	77	1196636	38.070	ng/u1	99
8) Phenol	7.193	94	512275	7.589	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.434	93	1727956	31.242	ng/u1	99
12) 2-Chlorophenol	7.575	128	1327872	24.885	ng/u1	99
13) 2-Methylphenol	8.452	108	1026646	19.569	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	2398587	30.066	ng/u1	100
16) Acetophenone	8.846	105	2678841	32.586	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.834	70	1312348	32.406	ng/u1	96
18) 4-Methylphenol	8.787	108	979456	16.952	ng/u1	98
19) Hexachloroethane	9.104	117	637418	31.150	ng/u1	95
22) Nitrobenzene	9.228	77	1950466	34.774	ng/u1	97
23) Isophorone	9.757	82	3958453	32.012	ng/u1	99
25) 2-Nitrophenol	9.940	139	995792	36.533	ng/u1	96
26) 2,4-Dimethylphenol	9.998	107	1393895	23.013	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.240	93	2413090	31.830	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	1623652	29.581	ng/u1	99
30) Naphthalene	10.887	128	5772949	31.552	ng/u1	99
32) 4-Chloroaniline	10.993	127	2110854	28.328	ng/u1	100
33) Hexachlorobutadiene	11.169	225	1155062	31.594	ng/u1	98
34) Caprolactam	11.781	113	95363	5.658	ng/u1	90
35) 4-Chloro-3-methylphenol	12.098	107	1583925	28.497	ng/u1	99
36) 2-Methylnaphthalene	12.487	142	4126979	32.755	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	4137060	32.762	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.851	216	2356761	32.107	ng/ul	98
40) Hexachlorocyclopentadiene	12.834	237	1037559	29.335	ng/ul	99
41) 2,4,6-Trichlorophenol	13.087	196	1546926	33.681	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	1685622	34.140	ng/ul	99
43) 1,1'-Biphenyl	13.487	154	5451461	32.510	ng/ul	99
44) 2-Chloronaphthalene	13.534	162	4351017	32.434	ng/ul	99
45) 2-Nitroaniline	13.734	65	1229647	46.849	ng/ul	98
47) Dimethylphthalate	14.110	163	5972689	35.961	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	1261522	48.534	ng/ul	94
50) Acenaphthylene	14.375	152	6724878	33.267	ng/ul	100
51) 3-Nitroaniline	14.557	138	1212233	40.270	ng/ul#	94
52) Acenaphthene	14.716	153	4733207	33.258	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	722851	43.278	ng/ul	94
55) 4-Nitrophenol	14.845	109	191906	9.351	ng/ul	97
56) Dibenzofuran	15.051	168	6732119	34.318	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	1826776	47.626	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.275	232	1593886	37.454	ng/ul	97
59) Diethylphthalate	15.475	149	5950726	37.014	ng/ul	98
61) Fluorene	15.704	166	5331859	33.893	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	2803124	34.342	ng/ul	99
63) 4-Nitroaniline	15.722	138	1221972	47.628	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.775	198	1085628	42.099	ng/ul#	95
67) N-Nitrosodiphenylamine	15.910	169	5009984	35.070	ng/ul	100
68) 4-Bromophenyl-phenylether	16.592	248	1796306	36.309	ng/ul	99
69) Hexachlorobenzene	16.710	284	2309012	36.619	ng/ul	96
70) Atrazine	16.863	200	1842039	37.582	ng/ul	100
71) Pentachlorophenol	17.051	266	1357996	35.070	ng/ul	99
72) Phenanthrene	17.451	178	9364162	34.954	ng/ul	99
74) Anthracene	17.545	178	9336319	35.227	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.457	216	2409978	31.013	ng/uL	100
76) Pentachlorobenzene	14.969	250	2451983	30.354	ng/uL	99
77) Carbazole	17.810	167	8718044	38.884	ng/ul	99
78) Di-n-butylphthalate	18.357	149	10400355	39.185	ng/ul	99
80) Fluoranthene	19.410	202	11361430	31.657	ng/ul	99
82) Pyrene	19.769	202	11331548	30.527	ng/ul	98
83) Butylbenzylphthalate	20.633	149	4559862	52.495	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.404	252	3754472	41.172	ng/ul	99
85) Benzo(a)anthracene	21.480	228	11586030	33.734	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	6402365	48.196	ng/ul	98
87) Chrysene	21.539	228	10729969	32.311	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	11654164	40.408	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	12249148	32.752	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	11569123	30.990	ng/ul	99
93) Benzo(a)pyrene	23.910	252	10453525	33.991	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.662	276	11893479	40.085	ng/ul	99
95) Dibenzo(a,h)anthracene	26.680	278	10515305	39.057	ng/ul	99
96) Benzo(g,h,i)perylene	27.468	276	9903416	38.806	ng/ul	99

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

