

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014474.D
 Acq On : 01 Apr 2023 08:52
 Operator : CG/JU
 Sample : 02158-05MSD
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 02158-03MSDMSD

Quant Time: Apr 03 00:43:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	162661	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	742080	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.663	164	503726	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.428	188	1109109	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	886043	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	791454	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	18697	4.457	ng/uL	0.00
4) Pyridine-d5	3.823	84	117762	10.956	ng/u1	0.00
7) Phenol-d5	7.187	99	197589	13.171	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	401848	41.751	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	331574	30.581	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	321664	26.582	ng/u1	0.01
21) Nitrobenzene-d5	9.187	128	200060	33.395	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	229397	33.441	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	420010	33.620	ng/u1	0.00
31) 4-Chloroaniline-d4	10.981	131	421169	25.594	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1456948	35.672	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1500819	33.116	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	45001	7.293	ng/u1	0.02
60) Fluorene-d10	15.663	176	1187298	34.859	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	250212	30.660	ng/u1	0.00
73) Anthracene-d10	17.528	188	1940121	36.145	ng/u1	0.00
81) Pyrene-d10	19.757	212	2195715	36.893	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1566071	37.243	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	172100	37.336	ng/uL	98
5) Pyridine	3.846	79	147403	13.104	ng/u1	97
6) Benzaldehyde	7.152	77	270682	36.301	ng/u1	98
8) Phenol	7.211	94	213105	13.694	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	441465	35.301	ng/u1	99
12) 2-Chlorophenol	7.575	128	349012	30.927	ng/u1	97
13) 2-Methylphenol	8.469	108	344396	29.675	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	579962	35.321	ng/u1	100
16) Acetophenone	8.846	105	710647	35.565	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.828	70	396536	36.734	ng/u1	98
18) 4-Methylphenol	8.805	108	353441	27.731	ng/u1	100
19) Hexachloroethane	9.093	117	164931	33.449	ng/u1	98
22) Nitrobenzene	9.234	77	570519	33.150	ng/u1	99
23) Isophorone	9.763	82	1117060	35.212	ng/u1	100
25) 2-Nitrophenol	9.946	139	241331	33.331	ng/u1	99
26) 2,4-Dimethylphenol	10.010	107	530284	32.721	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.240	93	637295	33.507	ng/u1	100
29) 2,4-Dichlorophenol	10.487	162	414206	33.690	ng/u1	96
30) Naphthalene	10.887	128	1353290	32.740	ng/u1	100
32) 4-Chloroaniline	11.005	127	430578	25.834	ng/u1	99
33) Hexachlorobutadiene	11.157	225	310164	31.843	ng/u1	97
34) Caprolactam	11.834	113	43602	12.004	ng/u1	88
35) 4-Chloro-3-methylphenol	12.134	107	533160	35.257	ng/u1	99
36) 2-Methylnaphthalene	12.493	142	946150	33.776	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	976484	35.148	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.857	216	582888	32.455	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	267494	22.999	ng/ul	97
41) 2,4,6-Trichlorophenol	13.104	196	371192	33.400	ng/ul	99
42) 2,4,5-Trichlorophenol	13.181	196	409014	34.570	ng/ul	98
43) 1,1'-Biphenyl	13.499	154	1318682	32.403	ng/ul	99
44) 2-Chloronaphthalene	13.540	162	1048577	32.587	ng/ul	99
45) 2-Nitroaniline	13.757	65	373710	37.502	ng/ul	98
47) Dimethylphthalate	14.122	163	1463544	35.839	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	314664	39.439	ng/ul	99
50) Acenaphthylene	14.393	152	1647013	34.124	ng/ul	99
51) 3-Nitroaniline	14.587	138	173408	24.260	ng/ul	97
52) Acenaphthene	14.728	153	1154803	33.859	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	135000	26.129	ng/ul	97
55) 4-Nitrophenol	14.922	109	43243	7.101	ng/ul	84
56) Dibenzofuran	15.063	168	1634126	34.083	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	452462	39.980	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.298	232	378303	35.575	ng/ul	99
59) Diethylphthalate	15.481	149	1548374	38.155	ng/ul	98
61) Fluorene	15.716	166	1382180	35.566	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	733080	35.111	ng/ul	98
63) 4-Nitroaniline	15.757	138	230375	39.668	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	241508	30.536	ng/ul	94
67) N-Nitrosodiphenylamine	15.928	169	1209925	35.062	ng/ul	100
68) 4-Bromophenyl-phenylether	16.610	248	486631	35.260	ng/ul	94
69) Hexachlorobenzene	16.728	284	566473	35.733	ng/ul	97
70) Atrazine	16.887	200	336649	26.799	ng/ul	99
71) Pentachlorophenol	17.081	266	262238	28.554	ng/ul	96
72) Phenanthrene	17.475	178	2231918	36.171	ng/ul	100
74) Anthracene	17.563	178	2304976	37.063	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	591668	30.306	ng/ul	98
76) Pentachlorobenzene	14.981	250	630629	32.373	ng/ul	99
77) Carbazole	17.839	167	1988751	38.213	ng/ul	99
78) Di-n-butylphthalate	18.363	149	2744654	41.942	ng/ul	100
80) Fluoranthene	19.434	202	2659425	37.793	ng/ul	100
82) Pyrene	19.786	202	2682169	36.509	ng/ul	100
83) Butylbenzylphthalate	20.645	149	1176984	46.510	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.428	252	767436	39.163	ng/ul	98
85) Benzo(a)anthracene	21.498	228	2349790	37.425	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1692650	48.913	ng/ul	99
87) Chrysene	21.557	228	2196067	37.042	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2602911	50.679	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	2037350	38.115	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1984040	38.217	ng/ul	100
93) Benzo(a)pyrene	23.927	252	1731282	37.628	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	2276821	35.969	ng/ul	99
95) Dibenzo(a,h)anthracene	26.698	278	1899494	35.841	ng/ul	99
96) Benzo(g,h,i)perylene	27.504	276	1839450	35.650	ng/ul	98

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

