

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018616.D
 Acq On : 05 Dec 2023 22:30
 Operator : MA/JU
 Sample : 05455-10MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E05N3MSD

Quant Time: Dec 05 23:05:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	276688	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1317205	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.480	164	891730	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	1822578	20.000	ng/u1	0.00
79) Chrysene-d12	21.315	240	1625236	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1574330	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	33516	4.128	ng/uL	0.00
4) Pyridine-d5	3.687	84	279986	12.874	ng/u1	0.00
7) Phenol-d5	7.016	99	225035	8.105	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	717118	43.575	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	672029	31.017	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	451919	20.111	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	490142	41.808	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	514460	42.326	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	944706	38.011	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	1250778	38.508	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	3557524	44.699	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	3801466	43.377	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	119627	9.157	ng/u1	0.00
60) Fluorene-d10	15.474	176	2992202	44.790	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	590554	54.039	ng/u1	0.00
73) Anthracene-d10	17.327	188	4296470	44.841	ng/u1	0.00
81) Pyrene-d10	19.563	212	5432020	42.937	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	4331244	47.184	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	45534	5.114	ng/uL	97
5) Pyridine	3.705	79	313263	14.263	ng/u1	99
6) Benzaldehyde	6.993	77	665451	46.418	ng/u1	96
8) Phenol	7.046	94	250508	9.200	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.281	93	1021876	45.695	ng/u1	100
12) 2-Chlorophenol	7.416	128	710498	32.402	ng/u1	98
13) 2-Methylphenol	8.298	108	541594	25.980	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1272412	44.843	ng/u1	98
16) Acetophenone	8.681	105	1611985	48.135	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	804478	43.667	ng/u1	98
18) 4-Methylphenol	8.628	108	505780	22.219	ng/u1	99
19) Hexachloroethane	8.928	117	379461	42.211	ng/u1	95
22) Nitrobenzene	9.057	77	1202569	42.190	ng/u1	98
23) Isophorone	9.587	82	2465894	42.430	ng/u1	99
25) 2-Nitrophenol	9.769	139	570849	43.864	ng/u1	97
26) 2,4-Dimethylphenol	9.828	107	667295	26.217	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1523990	41.536	ng/u1	99
29) 2,4-Dichlorophenol	10.298	162	942159	39.356	ng/u1	98
30) Naphthalene	10.698	128	3339162	41.788	ng/u1	100
32) 4-Chloroaniline	10.816	127	1124761	36.333	ng/u1	100
33) Hexachlorobutadiene	10.986	225	685840	42.777	ng/u1	100
34) Caprolactam	11.610	113	43414	5.914	ng/u1	95
35) 4-Chloro-3-methylphenol	11.934	107	954831	35.604	ng/u1	100
36) 2-Methylnaphthalene	12.310	142	2435158	43.017	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	2394988	41.893	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	1446998	44.725	ng/ul	98
40) Hexachlorocyclopentadiene	12.657	237	602476	31.417	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	943048	45.311	ng/ul	100
42) 2,4,5-Trichlorophenol	12.986	196	1019448	45.181	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	3328417	43.158	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	2674236	43.903	ng/ul	99
45) 2-Nitroaniline	13.569	65	792530	47.995	ng/ul	96
47) Dimethylphthalate	13.951	163	3641378	46.480	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	769320	51.976	ng/ul	93
50) Acenaphthylene	14.204	152	4404496	44.701	ng/ul	100
51) 3-Nitroaniline	14.392	138	715995	48.459	ng/ul	98
52) Acenaphthene	14.545	153	2910388	44.674	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	367010	46.786	ng/ul	95
55) 4-Nitrophenol	14.692	109	98858	10.016	ng/ul	98
56) Dibenzofuran	14.880	168	4131807	45.632	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	1107266	53.182	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	937221	49.519	ng/ul	97
59) Diethylphthalate	15.310	149	3638778	47.465	ng/ul	99
61) Fluorene	15.533	166	3285380	45.855	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	1757315	46.767	ng/ul	95
63) 4-Nitroaniline	15.557	138	748337	53.165	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.616	198	654397	56.009	ng/ul#	90
67) N-Nitrosodiphenylamine	15.739	169	2915196	48.269	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	1186987	51.587	ng/ul	96
69) Hexachlorobenzene	16.533	284	1364044	53.097	ng/ul	96
70) Atrazine	16.698	200	970113	54.029	ng/ul	99
71) Pentachlorophenol	16.874	266	816237	53.424	ng/ul	100
72) Phenanthrene	17.274	178	5025876	45.659	ng/ul	100
74) Anthracene	17.363	178	5009698	45.404	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.280	216	1479454	46.946	ng/ul	98
76) Pentachlorobenzene	14.798	250	1547272	49.983	ng/ul	99
77) Carbazole	17.639	167	5060362	57.545	ng/ul	99
78) Di-n-butylphthalate	18.192	149	6286586	53.689	ng/ul	100
80) Fluoranthene	19.239	202	6591155	44.075	ng/ul	98
82) Pyrene	19.592	202	6588392	43.672	ng/ul	97
83) Butylbenzylphthalate	20.468	149	2717905	49.212	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1958187	49.581	ng/ul	99
85) Benzo(a)anthracene	21.304	228	6286184	47.652	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	3825645	50.397	ng/ul#	98
87) Chrysene	21.351	228	5744138	47.284	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	6463908	56.234	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	5639101	48.581	ng/ul	98
91) Benzo(k)fluoranthene	23.009	252	5560906	49.513	ng/ul	99
93) Benzo(a)pyrene	23.586	252	5122381	48.296	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.156	276	6040964	47.671	ng/ul	98
95) Dibenzo(a,h)anthracene	26.174	278	5033450	47.748	ng/ul	98
96) Benzo(g,h,i)perylene	26.909	276	4867318	47.727	ng/ul	98

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

