

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018941.D
 Acq On : 19 Dec 2023 11:09
 Operator : MA/JU
 Sample : 05773-04MS 10X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOY94MS

Quant Time: Dec 19 21:39:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	192892	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	742846	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	473504	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1129186	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1126259	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1353490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	11907	2.104	ng/uL	0.00
4) Pyridine-d5	3.681	84	172093	11.350	ng/u1	0.00
7) Phenol-d5	7.005	99	116988	6.044	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	303612	26.463	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	315741	20.904	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	207892	13.271	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	220898	33.411	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	217278	31.698	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	403659	28.799	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	526373	28.736	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1482061	35.070	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1699438	36.520	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	56944	8.209	ng/u1	0.00
60) Fluorene-d10	15.457	176	1349278	38.036	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	181213	26.765	ng/u1	0.00
73) Anthracene-d10	17.316	188	2271160	38.259	ng/u1	0.00
81) Pyrene-d10	19.557	212	2802435	31.966	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	2980334	37.765	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	27257	4.391	ng/uL	95
5) Pyridine	3.699	79	216030	14.109	ng/u1	94
6) Benzaldehyde	6.975	77	301207	30.138	ng/u1	93
8) Phenol	7.034	94	130209	6.859	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.258	93	448529	28.770	ng/u1	99
12) 2-Chlorophenol	7.393	128	340465	22.272	ng/u1	97
13) 2-Methylphenol	8.281	108	250688	17.249	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	505195	25.539	ng/u1	97
16) Acetophenone	8.657	105	701442	30.044	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.646	70	322003	25.071	ng/u1	95
18) 4-Methylphenol	8.616	108	230331	14.514	ng/u1	97
19) Hexachloroethane	8.905	117	184566	29.450	ng/u1	84
22) Nitrobenzene	9.034	77	524035	32.600	ng/u1	98
23) Isophorone	9.563	82	970297	29.605	ng/u1	98
25) 2-Nitrophenol	9.746	139	233887	31.868	ng/u1	97
26) 2,4-Dimethylphenol	9.810	107	340391	23.714	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	584308	28.239	ng/u1	99
29) 2,4-Dichlorophenol	10.281	162	398486	29.516	ng/u1	97
30) Naphthalene	10.675	128	1490192	33.068	ng/u1	100
32) 4-Chloroaniline	10.793	127	514488	29.469	ng/u1	99
33) Hexachlorobutadiene	10.957	225	342153	37.841	ng/u1	100
34) Caprolactam	11.581	113	26984	6.518	ng/u1	90
35) 4-Chloro-3-methylphenol	11.922	107	400091	26.454	ng/u1	99
36) 2-Methylnaphthalene	12.287	142	1028563	32.218	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	1020415	31.650	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.657	216	654633	38.106	ng/ul	97
40) Hexachlorocyclopentadiene	12.628	237	131172	12.882	ng/ul	99
41) 2,4,6-Trichlorophenol	12.898	196	348352	31.521	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	402606	33.603	ng/ul	99
43) 1,1'-Biphenyl	13.298	154	1413511	34.517	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	1163131	35.961	ng/ul	98
45) 2-Nitroaniline	13.551	65	341500	38.948	ng/ul	96
47) Dimethylphthalate	13.928	163	1531527	36.816	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	336430	42.806	ng/ul	91
50) Acenaphthylene	14.187	152	1965874	37.574	ng/ul	100
51) 3-Nitroaniline	14.381	138	309053	39.392	ng/ul	95
52) Acenaphthene	14.528	153	1281824	37.054	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	96692	23.213	ng/ul	95
55) 4-Nitrophenol	14.698	109	47098	8.987	ng/ul	93
56) Dibenzofuran	14.863	168	1859952	38.685	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	490972	44.410	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.092	232	315916	31.435	ng/ul	93
59) Diethylphthalate	15.292	149	1508602	37.060	ng/ul	99
61) Fluorene	15.516	166	1532882	40.292	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	801735	40.182	ng/ul	95
63) 4-Nitroaniline	15.545	138	359554	48.106	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.604	198	195852	27.056	ng/ul#	91
67) N-Nitrosodiphenylamine	15.728	169	1319843	35.273	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	549637	38.556	ng/ul	95
69) Hexachlorobenzene	16.516	284	670951	42.155	ng/ul	96
70) Atrazine	16.681	200	36475	3.279	ng/ul	100
71) Pentachlorophenol	16.863	266	265464	28.044	ng/ul	98
72) Phenanthrene	17.257	178	2719886	39.882	ng/ul	100
74) Anthracene	17.351	178	2722221	39.822	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	670457	34.339	ng/ul	98
76) Pentachlorobenzene	14.781	250	734756	38.311	ng/ul	100
77) Carbazole	17.628	167	2460339	45.159	ng/ul	99
78) Di-n-butylphthalate	18.175	149	2675746	36.884	ng/ul	100
80) Fluoranthene	19.227	202	3421585	33.017	ng/ul	96
82) Pyrene	19.586	202	3516247	33.634	ng/ul#	92
83) Butylbenzylphthalate	20.457	149	1312745	34.300	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	1041917	38.069	ng/ul	100
85) Benzo(a)anthracene	21.292	228	3605335	39.438	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1788648	34.002	ng/ul	99
87) Chrysene	21.345	228	3297644	39.172	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	3216617	32.550	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	3746267	37.540	ng/ul	98
91) Benzo(k)fluoranthene	23.004	252	3636110	37.658	ng/ul	99
93) Benzo(a)pyrene	23.580	252	3515477	38.553	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.151	276	4437867	40.734	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.168	278	3662317	40.410	ng/ul#	96
96) Benzo(g,h,i)perylene	26.909	276	3582345	40.858	ng/ul#	95

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

