

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015985.D
 Acq On : 04 Jul 2023 20:14
 Operator : MA/JU
 Sample : 03245-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH1

Quant Time: Jul 04 23:37:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	5773	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	22540	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	16943	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.451	188	25017	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	19112	20.000	ng/ul	# 0.00
88) Perylene-d12	24.080	264	21569	20.000	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	62265	388.050	ng/uL	0.00
4) Pyridine-d5	3.834	84	495	1.224	ng/ul	0.02
7) Phenol-d5	7.222	99	1164363	2357.267	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	837210	2739.622	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	958948	2571.835	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	589301	1510.212	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	491301	2852.114	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	557335	2772.158	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	891298	2487.811	ng/ul	0.01
31) 4-Chloroaniline-d4	11.057	131	205245	445.965	ng/ul	0.03
46) Dimethylphthalate-d6	14.098	166	2856786	2181.480	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	3117935	2117.977	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	254938	1475.202	ng/ul	0.03
60) Fluorene-d10	15.687	176	2224331	2062.825	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	242364	1575.301	ng/ul	0.00
73) Anthracene-d10	17.551	188	2715288	2376.144	ng/ul	0.00
81) Pyrene-d10	19.780	212	2755071	2207.637	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	2675348	2458.875	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.193	77	21137	105.843	ng/ul	93
8) Phenol	7.258	94	50913	99.327	ng/ul#	77
16) Acetophenone	8.887	105	222681	347.155	ng/ul	99
26) 2,4-Dimethylphenol	10.046	107	3011	6.419	ng/ul#	61
30) Naphthalene	10.922	128	147231	120.157	ng/ul	97
34) Caprolactam	11.851	113	9192	84.368	ng/ul#	57
36) 2-Methylnaphthalene	12.534	142	104552	129.616	ng/ul	97
37) 1-Methylnaphthalene	12.746	142	72001	87.500	ng/ul	99
43) 1,1'-Biphenyl	13.534	154	30155	22.470	ng/ul	92
45) 2-Nitroaniline	13.693	65	783	2.354	ng/ul	87
47) Dimethylphthalate	14.145	163	4335	3.199	ng/ul#	49
48) 2,6-Dinitrotoluene	14.275	165	379	1.379	ng/ul#	1
50) Acenaphthylene	14.422	152	133643	82.390	ng/ul	98
51) 3-Nitroaniline	14.628	138	1589	7.371	ng/ul#	36
52) Acenaphthene	14.757	153	40698	36.182	ng/ul	98
55) 4-Nitrophenol	14.957	109	401	2.239	ng/ul#	51
56) Dibenzofuran	15.098	168	69159	44.291	ng/ul	99
57) 2,4-Dinitrotoluene	15.087	165	2032	5.424	ng/ul#	1
59) Diethylphthalate	15.504	149	18899	13.780	ng/ul	95
61) Fluorene	15.745	166	39210	30.959	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.863	198	1512	9.713	ng/ul#	1
67) N-Nitrosodiphenylamine	15.951	169	10319	13.778	ng/ul#	62
70) Atrazine	16.928	200	388	1.353	ng/ul#	1
72) Phenanthrene	17.498	178	1010402	743.453	ng/ul	99

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

74) Anthracene	17.592	178	219289	160.578	ng/ul	98
76) Pentachlorobenzene	15.028	250	416	1.013	ng/uL	97
77) Carbazole	17.875	167	132658	115.253	ng/ul	95
78) Di-n-butylphthalate	18.381	149	54205	35.522	ng/ul#	94
80) Fluoranthene	19.457	202	2375612	1531.681	ng/ul#	94
82) Pyrene	19.810	202	1973198	1247.186	ng/ul#	91
83) Butylbenzylphthalate	20.651	149	27351	42.374	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.469	252	530	1.227	ng/ul#	52
85) Benzo(a)anthracene	21.527	228	1185234	881.584	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.398	149	152759	172.209	ng/ul	99
87) Chrysene	21.580	228	1375164	1078.098	ng/ul	97
89) Di-n-octyl phthalate	22.363	149	4138	2.625	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1934449	1395.807	ng/ul#	96
91) Benzo(k)fluoranthene	23.304	252	1934449	1381.483	ng/ul#	95
93) Benzo(a)pyrene	23.974	252	1243615	1026.946	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	995935	605.823	ng/ul	97
95) Dibenzo(a,h)anthracene	26.780	278	284434	210.645	ng/ul#	76
96) Benzo(g,h,i)perylene	27.627	276	919535	679.915	ng/ul#	95

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

