

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029816.D
 Acq On : 15 Feb 2024 20:16
 Operator : MA/JU
 Sample : P1370-01
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA7

Quant Time: Feb 15 21:52:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/ul	-7.87
20) Naphthalene-d8	10.652	136	138	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.510	164	400	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.263	188	916	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.469	240	1740	20.000	ng/ul	# 0.00
88) Perylene-d12	23.898	264	468	20.000	ng/ul	# 0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	16271	0.000	ng/uL	0.00
4) Pyridine-d5	3.734	84	99046	0.000	ng/ul	0.00
7) Phenol-d5	7.034	99	91503	0.000	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	297457	0.000	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	285073	0.000	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	177358	0.000	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	190199	177580.410	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	186529	199964.026	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	291905	158539.188	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	386716	123112.671	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	959174	32208.269	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1163496	32898.425	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	18915	3346.441	ng/ul	0.00
60) Fluorene-d10	15.504	176	817244	32257.984	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	115690	25920.380	ng/ul	0.00
73) Anthracene-d10	17.363	188	1313123	30588.129	ng/ul	0.00
81) Pyrene-d10	19.663	212	1463859	14019.111	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	1412875	60332.467	ng/ul	0.00
Target Compounds						
					Qvalue	
22) Nitrobenzene	9.075	77	506	166.736	ng/ul#	42
23) Isophorone	9.599	82	253	47.862	ng/ul#	68
30) Naphthalene	10.710	128	325	41.202	ng/ul#	69
45) 2-Nitroaniline	13.522	65	62	8.044	ng/ul#	10
47) Dimethylphthalate	13.981	163	842	27.621	ng/ul#	77
48) 2,6-Dinitrotoluene	14.045	165	172	31.531	ng/ul#	24
57) 2,4-Dinitrotoluene	14.916	165	133	17.318	ng/ul#	24
59) Diethylphthalate	15.345	149	3184	101.680	ng/ul#	88
61) Fluorene	15.563	166	74	2.529	ng/ul#	71
63) 4-Nitroaniline	15.622	138	433	75.566	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.634	198	456	92.671	ng/ul#	1
67) N-Nitrosodiphenylamine	15.628	169	954	33.422	ng/ul#	14
72) Phenanthrene	17.304	178	1053	19.873	ng/ul#	36
74) Anthracene	17.386	178	233	4.382	ng/ul#	26
77) Carbazole	17.681	167	216	4.447	ng/ul#	1
78) Di-n-butylphthalate	18.251	149	7515	128.666	ng/ul#	91
80) Fluoranthene	19.322	202	264	2.081	ng/ul#	68
82) Pyrene	19.657	202	3570	26.605	ng/ul#	1
83) Butylbenzylphthalate	20.533	149	1030	18.834	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	50	1.484	ng/ul#	22
85) Benzo(a)anthracene	21.445	228	451	3.528	ng/ul#	1
86) Bis(2-ethylhexyl)phtha...	21.392	149	5392	63.741	ng/ul#	91
87) Chrysene	21.510	228	349	2.913	ng/ul#	1
89) Di-n-octyl phthalate	22.369	149	837	23.073	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(b)fluoranthene	23.186	252	191	6.479	ng/ul#	1
91) Benzo(k)fluoranthene	23.210	252	202	6.695	ng/ul#	1
93) Benzo(a)pyrene	23.792	252	142	5.023	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	26.345	276	270	7.843	ng/ul#	1
95) Dibenzo(a,h)anthracene	26.392	278	66	2.348	ng/ul#	1
96) Benzo(g,h,i)perylene	27.104	276	208	7.224	ng/ul#	1

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

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