

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021256.D
 Acq On : 31 Jul 2024 11:08
 Operator : CG/JU
 Sample : P3287-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 XB503

Quant Time: Jul 31 11:40:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	140800	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.387	136	572457	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.269	164	395096	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	911000	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	978336	20.000	ng/u1	# 0.01
88) Perylene-d12	24.851	264	973318	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	11384	3.679	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.822	99	310799	27.075	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.958	67	169322	24.340	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.158	132	260786	27.574	ng/u1	-0.02
15) 4-Methylphenol-d8	8.352	113	243316	25.521	ng/u1	-0.01
21) Nitrobenzene-d5	8.769	128	130509	29.352	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.481	143	147651	29.013	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.034	165	323826	35.190	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.552	131	271176	22.244	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	963535	33.548	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1031277	31.977	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	150895	36.926	ng/u1	-0.02
60) Fluorene-d10	15.287	176	814295	34.559	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	146197	26.523	ng/u1	0.00
73) Anthracene-d10	17.198	188	1350131	33.368	ng/u1	0.00
81) Pyrene-d10	19.581	212	1752162	28.969	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	1734993	36.143	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.852	94	1023517	88.115	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.052	93	1912468	199.307	ng/u1	95
12) 2-Chlorophenol	7.193	128	1789521	188.786	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.411	70	600960	77.946	ng/u1	93
19) Hexachloroethane	8.658	117	300461	70.537	ng/u1	91
22) Nitrobenzene	8.811	77	1127069	105.817	ng/u1	98
23) Isophorone	9.340	82	4083460	192.847	ng/u1	97
25) 2-Nitrophenol	9.511	139	597341	112.544	ng/u1	95
29) 2,4-Dichlorophenol	10.063	162	1077553	118.816	ng/u1	98
30) Naphthalene	10.440	128	2919864	96.968	ng/u1	99
33) Hexachlorobutadiene	10.687	225	647205	95.176	ng/u1	99
35) 4-Chloro-3-methylphenol	11.705	107	531311	53.896	ng/u1	99
36) 2-Methylnaphthalene	12.052	142	3645761	176.381	ng/u1	98
41) 2,4,6-Trichlorophenol	12.693	196	601450	74.182	ng/u1	99
42) 2,4,5-Trichlorophenol	12.769	196	927221	108.089	ng/u1	100
44) 2-Chloronaphthalene	13.128	162	3167944	137.433	ng/u1	99
48) 2,6-Dinitrotoluene	13.875	165	1278780	219.479	ng/u1	91
52) Acenaphthene	14.334	153	4039712	166.686	ng/u1	99
55) 4-Nitrophenol	14.575	109	515535	155.090	ng/u1	93
57) 2,4-Dinitrotoluene	14.681	165	649811	81.245	ng/u1#	84
59) Diethylphthalate	15.122	149	5908375	202.865	ng/u1	98
61) Fluorene	15.340	166	1189865	43.935	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.340	204	2792963	190.054	ng/u1	95
71) Pentachlorophenol	16.745	266	1647700	247.788	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Phenanthrene	17.145	178	10158799	214.960	ng/ul	98
74) Anthracene	17.234	178	3046300	63.229	ng/ul	100
78) Di-n-butylphthalate	18.098	149	6828273	125.664	ng/ul	100
83) Butylbenzylphthalate	20.569	149	5239640	169.191	ng/ul#	91
87) Chrysene	21.592	228	1900717	29.847	ng/ul	100
89) Di-n-octyl phthalate	22.692	149	12762986	198.498	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	4727535	80.039	ng/ul	99
93) Benzo(a)pyrene	24.704	252	3597106	64.446	ng/ul	98

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

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TIC: BP021256.D\data.ms

Abundance

1.9e+07

1.8e+07

1.7e+07

1.6e+07

1.5e+07

1.4e+07

1.3e+07

1.2e+07

1.1e+07

1e+07

9000000

8000000

7000000

6000000

5000000

4000000

3000000

2000000

1000000

0

Time-->

4.00

6.00

8.00

10.00

12.00

14.00

16.00

18.00

20.00

22.00

24.00

26.00

28.00

30.00

32.00

1,4-Dioxane-d8, S

Bis(2-chlorophenyl)ether

2-Chlorophenol-d8, S

1,4-Dichlorobenzene-d4, I

4-Methylphenol-d8, S

4-n-propylaniline

Isophorone

2-Nitrophenol-d4, S

2,4-Dichlorophenol-d8, S

Naphthalene

4-Nitroaniline-d4, S

Hexachlorobutadiene, C

4-Chloro-3-methylphenol, C

2-Methylnaphthalene

2,4,6-Trichlorophenol, C

2-Chloronaphthalene

Dimethylphthalate-d6, S

Acenaphthylene-d8, S

Acenaphthene-d10, I

4-Nitrophenol-d8, S

2,6-Dinitrotoluene

4,6-Dinitro-2-methylphenol-d12, S

Phenanthrene-d10, S

Anthracene

Phenanthrene-d10, S

Di-n-butylphthalate

Pyrene-d10, S

Chrysene-d12, I

Chrysene

Di-n-octyl phthalate

Benzo(b)fluoranthene

Benzo(a)pyrene-d12, I

Benzo(a)pyrene-d12, S

Perylene-d12, I