

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
 Data File : BP015544.D
 Acq On : 15 Jun 2023 06:38
 Operator : MA/JU
 Sample : 03088-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ9

Quant Time: Jun 15 07:24:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	745	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.916	136	4527	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.728	164	3806	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.587	188	408204	20.000	ng/ul	# 0.10
79) Chrysene-d12	21.698	240	41	20.000	ng/ul	# 0.13
88) Perylene-d12	24.257	264	130	20.000	ng/ul	# 0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	5760	286.300	ng/uL	0.00
4) Pyridine-d5	3.846	84	442	8.458	ng/ul	0.00
7) Phenol-d5	7.246	99	90916	1324.646	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	65142	1589.229	ng/ul	0.00
11) 2-Chlorophenol-d4	7.617	132	76929	1545.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.811	113	29536	524.347	ng/ul	0.01
21) Nitrobenzene-d5	9.269	128	40862	1149.701	ng/ul	0.00
24) 2-Nitrophenol-d4	9.999	143	44893	1106.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	73485	992.513	ng/ul	0.01
31) 4-Chloroaniline-d4	11.075	131	40043	376.787	ng/ul	0.02
46) Dimethylphthalate-d6	14.134	166	325400	1084.210	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	334948	1020.638	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	33	0.614	ng/ul	-0.02
60) Fluorene-d10	15.722	176	276081	1090.852	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.981	200	508	0.196	ng/ul	0.13
73) Anthracene-d10	17.587	188	410591	22.107	ng/ul	0.00
81) Pyrene-d10	19.804	212	552049	251573.635	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	423441	64916.444	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	109	5.129	ng/uL#	24
6) Benzaldehyde	7.240	77	4083	155.638	ng/ul	92
8) Phenol	7.275	94	14322	202.265	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.493	93	108	1.929	ng/ul	97
16) Acetophenone	8.928	105	88044	979.406	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.887	70	86	1.773	ng/ul#	52
30) Naphthalene	10.963	128	1390	5.666	ng/ul#	94
34) Caprolactam	12.028	113	42	1.516	ng/ul	80
37) 1-Methylnaphthalene	12.793	142	858	4.941	ng/ul	99
45) 2-Nitroaniline	13.834	65	98	1.326	ng/ul#	40
48) 2,6-Dinitrotoluene	14.310	165	68	1.071	ng/ul#	34
50) Acenaphthylene	14.457	152	2275	6.260	ng/ul#	88
52) Acenaphthene	14.798	153	887	3.531	ng/ul#	76
56) Dibenzofuran	15.146	168	901	2.531	ng/ul	93
59) Diethylphthalate	15.545	149	1794	5.649	ng/ul#	88
61) Fluorene	15.781	166	781	2.691	ng/ul#	92
80) Fluoranthene	19.486	202	98011	36667.373	ng/ul	97
82) Pyrene	19.834	202	80138	28978.770	ng/ul	98
83) Butylbenzylphthalate	20.810	149	227	185.719	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.610	252	457	471.800	ng/ul#	50
85) Benzo(a)anthracene	21.610	228	65708	22925.010	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.445	149	26582	14713.642	ng/ul	99
87) Chrysene	21.610	228	62877	23208.757	ng/ul	96
89) Di-n-octyl phthalate	22.527	149	184	21.536	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(b)fluoranthene	23.469	252	214	25.502	ng/ul#	1
91) Benzo(k)fluoranthene	23.533	252	11383	1403.279	ng/ul#	79
93) Benzo(a)pyrene	23.998	252	42772	5846.218	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.815	276	39164	4136.300	ng/ul	96
95) Dibenzo(a,h)anthracene	26.957	278	3627	470.192	ng/ul#	29
96) Benzo(g,h,i)perylene	27.798	276	281	36.012	ng/ul#	1

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

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