

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014044.D
 Acq On : 10 Mar 2023 23:31
 Operator : CG/JU
 Sample : 01784-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAE9

Quant Time: Mar 11 00:56:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 10 22:47:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	22	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.898	136	86	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.716	164	1345	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.569	188	1555275	20.000	ng/ul	# 0.10
79) Chrysene-d12	21.674	240	96	20.000	ng/ul	# 0.12
88) Perylene-d12	24.233	264	254	20.000	ng/ul	# 0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	6525	11205.979	ng/uL	0.00
4) Pyridine-d5	3.875	84	67436	41829.048	ng/ul	0.01
7) Phenol-d5	7.228	99	63144	32524.353	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	208397	184054.578	ng/ul	0.00
11) 2-Chlorophenol-d4	7.599	132	187729	126917.095	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	132666	83656.239	ng/ul	0.00
21) Nitrobenzene-d5	9.245	128	130576	190291.058	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	144945	176460.200	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	253406	163958.559	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	258561	126415.101	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1023375	8965.427	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1015427	8397.526	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	26898	1337.183	ng/ul	0.02
60) Fluorene-d10	15.704	176	792015	8187.088	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	208450	17.733	ng/ul	0.00
73) Anthracene-d10	17.569	188	1556030	20.609	ng/ul	0.00
81) Pyrene-d10	19.786	212	2054422	388014.273	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.915	264	2122315	157081.738	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.463	88	84	133.632	ng/uL#	37
5) Pyridine	3.899	79	59	36.087	ng/ul#	1
6) Benzaldehyde	7.210	77	102	105.589	ng/ul#	30
8) Phenol	7.246	94	581	290.190	ng/ul#	13
10) Bis(2-Chloroethyl)ether	7.487	93	79	51.503	ng/ul#	47
12) 2-Chlorophenol	7.651	128	39	26.170	ng/ul#	1
13) 2-Methylphenol	8.546	108	4	2.687	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.598	45	101	60.973	ng/ul#	1
16) Acetophenone	8.904	105	741	289.240	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.881	70	125	95.375	ng/ul#	15
18) 4-Methylphenol	8.857	108	113	69.007	ng/ul	83
19) Hexachloroethane	9.163	117	8	12.257	ng/ul#	21
22) Nitrobenzene	9.287	77	154	83.897	ng/ul#	62
23) Isophorone	9.781	82	51	14.428	ng/ul	96
25) 2-Nitrophenol	10.004	139	35	41.343	ng/ul#	1
26) 2,4-Dimethylphenol	10.140	107	28	15.111	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.287	93	57	27.877	ng/ul#	23
29) 2,4-Dichlorophenol	10.375	162	14	9.183	ng/ul	93
30) Naphthalene	10.945	128	1379	292.005	ng/ul#	53
32) 4-Chloroaniline	11.110	127	20	9.717	ng/ul	91
33) Hexachlorobutadiene	11.104	225	13	10.716	ng/ul	90
34) Caprolactam	11.957	113	48	96.965	ng/ul	92
35) 4-Chloro-3-methylphenol	12.163	107	8	4.538	ng/ul#	65
36) 2-Methylnaphthalene	12.404	142	72	21.737	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	181	54.366	ng/ul#	35
41) 2,4,6-Trichlorophenol	13.157	196	156	5.106	ng/ul#	68
42) 2,4,5-Trichlorophenol	13.239	196	457	13.629	ng/ul	95
43) 1,1'-Biphenyl	13.551	154	138	1.333	ng/ul#	1
44) 2-Chloronaphthalene	13.622	162	180	2.189	ng/ul#	29
45) 2-Nitroaniline	13.804	65	58	2.384	ng/ul#	30
47) Dimethylphthalate	14.157	163	1280	11.329	ng/ul#	85
48) 2,6-Dinitrotoluene	14.292	165	50	2.238	ng/ul#	1
50) Acenaphthylene	14.433	152	1791	14.114	ng/ul#	87
55) 4-Nitrophenol	14.928	109	268	12.334	ng/ul#	1
56) Dibenzofuran	15.104	168	310	2.402	ng/ul	91
57) 2,4-Dinitrotoluene	15.086	165	74	2.217	ng/ul#	1
58) 2,3,4,6-Tetrachlorophenol	15.251	232	73577	2293.604	ng/ul	93
59) Diethylphthalate	15.522	149	1816	15.847	ng/ul#	77
61) Fluorene	15.657	166	130	1.215	ng/ul	94
63) 4-Nitroaniline	15.798	138	41	2.017	ng/ul#	1
71) Pentachlorophenol	17.116	266	87977	6.075	ng/ul	99
80) Fluoranthene	19.551	202	160	26.512	ng/ul#	1
82) Pyrene	19.927	202	340	54.006	ng/ul#	46
83) Butylbenzylphthalate	20.804	149	150	59.091	ng/ul#	72
84) 3,3'-Dichlorobenzidine	21.574	252	370	150.556	ng/ul#	57
85) Benzo(a)anthracene	21.657	228	128	18.957	ng/ul#	1
86) Bis(2-ethylhexyl)phtha...	21.421	149	5754	1516.138	ng/ul	96
87) Chrysene	21.715	228	81	12.587	ng/ul#	1
89) Di-n-octyl phthalate	22.545	149	506	31.571	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	146	8.626	ng/ul#	1
91) Benzo(k)fluoranthene	23.492	252	198	12.268	ng/ul#	1
93) Benzo(a)pyrene	24.127	252	30	2.038	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	26.915	276	66	3.387	ng/ul#	1

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

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