

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091521\
 Data File : BP006972.D
 Acq On : 15 Sep 2021 10:43
 Operator : CG/JU
 Sample : M3263-02
 Misc : SFAM-MDL-W-02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT4-2021-08

Manual Integrations
 APPROVED

mohammad
 9/16/2021 11:43:50 AM

Quant Time: Sep 15 11:09:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 15 10:54:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	365363	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	1558226	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	1049041	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	2228475	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.380	240	2228780	20.000	ng/u1	# 0.00
88) Perylene-d12	23.810	264	2277888	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	49636	5.406	ng/uL	0.00
4) Pyridine-d5	3.769	84	483513	20.209	ng/u1	0.00
7) Phenol-d5	7.081	99	838165	31.213	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	524682	34.021	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	696750	32.140	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	675909	32.053	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	325733	34.512	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	334353	35.982	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	668955	30.531	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	953171	31.458	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	2162127	31.822	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	2485931	28.889	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	380052	32.197	ng/u1	0.00
60) Fluorene-d10	15.539	176	1854530	30.927	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	294526	29.876	ng/u1	0.00
73) Anthracene-d10	17.398	188	2901057	31.445	ng/u1	0.00
81) Pyrene-d10	19.627	212	3274410	31.370	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.651	264	3570000	32.487	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	9309	0.911	ng/uL#	88
5) Pyridine	3.793	79	94849	3.952	ng/u1#	52
6) Benzaldehyde	7.063	77	76217	4.454	ng/u1	90
8) Phenol	7.104	94	115841	4.173	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.346	93	97043	4.367	ng/u1	99
12) 2-Chlorophenol	7.481	128	93921	4.223	ng/u1	94
13) 2-Methylphenol	8.363	108	79201	3.757	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.451	45	116845	4.552	ng/u1	95
16) Acetophenone	8.746	105	144385	4.465	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.734	70	65607	4.354	ng/u1#	95
18) 4-Methylphenol	8.687	108	92577	4.095	ng/u1	99
19) Hexachloroethane	9.004	117	35390	3.908	ng/u1	85
22) Nitrobenzene	9.122	77	101963	4.464	ng/u1	90
23) Isophorone	9.651	82	175624	3.872	ng/u1	96
25) 2-Nitrophenol	9.834	139	48105	4.632	ng/u1	89
26) 2,4-Dimethylphenol	9.893	107	100595	3.998	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.134	93	128065	4.265	ng/u1	98
29) 2,4-Dichlorophenol	10.369	162	89967	4.146	ng/u1	92
30) Naphthalene	10.775	128	317377	4.199	ng/u1	99
32) 4-Chloroaniline	10.881	127	130400	4.225	ng/u1	100
33) Hexachlorobutadiene	11.063	225	58592	3.914	ng/u1	96
34) Caprolactam	11.687	113	37310	5.769	ng/u1	94
35) 4-Chloro-3-methylphenol	11.998	107	82319	3.740	ng/u1	91
36) 2-Methylnaphthalene	12.381	142	216503	4.272	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	215430	4.167	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.745	216	117550	3.913	ng/ul#	97
40) Hexachlorocyclopentadiene	12.728	237	86394	4.456	ng/ul	98
41) 2,4,6-Trichlorophenol	12.987	196	61951	3.563	ng/ul	99
42) 2,4,5-Trichlorophenol	13.051	196	70439	3.634	ng/ul	90
43) 1,1'-Biphenyl	13.387	154	296230	4.056	ng/ul#	97
44) 2-Chloronaphthalene	13.428	162	223200m	3.964	ng/ul	
45) 2-Nitroaniline	13.628	65	38997	3.407	ng/ul#	82
47) Dimethylphthalate	14.004	163	284573	4.153	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	38421	3.357	ng/ul	86
50) Acenaphthylene	14.269	152	348542	3.904	ng/ul	99
51) 3-Nitroaniline	14.451	138	41602	3.171	ng/ul	88
52) Acenaphthene	14.610	153	240577	4.069	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	27963	4.350	ng/ul#	74
55) 4-Nitrophenol	14.745	109	37532m	4.326	ng/ul	
56) Dibenzofuran	14.945	168	354413	4.154	ng/ul	87
57) 2,4-Dinitrotoluene	14.904	165	61188	3.741	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.169	232	56971	3.648	ng/ul#	80
59) Diethylphthalate	15.369	149	266259	3.991	ng/ul	96
61) Fluorene	15.598	166	286678	4.216	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.592	204	144818	4.178	ng/ul#	79
63) 4-Nitroaniline	15.604	138	44115m	3.368	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	41054	4.090	ng/ul#	95
67) N-Nitrosodiphenylamine	15.804	169	233533	3.979	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	79321	3.765	ng/ul#	84
69) Hexachlorobenzene	16.598	284	94549	3.870	ng/ul	92
70) Atrazine	16.757	200	73885	3.324	ng/ul	94
71) Pentachlorophenol	16.945	266	66181	4.729	ng/ul	96
72) Phenanthrene	17.339	178	454645	4.095	ng/ul	98
74) Anthracene	17.427	178	453529	4.110	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	113904	3.647	ng/uL	96
76) Pentachlorobenzene	14.869	250	112245	3.713	ng/uL	98
77) Carbazole	17.698	167	366250	3.735	ng/ul	97
78) Di-n-butylphthalate	18.257	149	382989	3.446	ng/ul	98
80) Fluoranthene	19.304	202	510106	3.929	ng/ul#	93
82) Pyrene	19.657	202	563019	4.228	ng/ul#	92
83) Butylbenzylphthalate	20.527	149	148518	3.203	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	166655	3.604	ng/ul	99
85) Benzo(a)anthracene	21.363	228	524219	4.040	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	231526	3.349	ng/ul	97
87) Chrysene	21.416	228	515485	4.014	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	368055	3.126	ng/ul	100
90) Benzo(b)fluoranthene	23.062	252	516561	3.876	ng/ul	98
91) Benzo(k)fluoranthene	23.110	252	495091	3.968	ng/ul	97
93) Benzo(a)pyrene	23.698	252	493706	3.850	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.339	276	563357	3.787	ng/ul	97
95) Dibenzo(a,h)anthracene	26.362	278	481270	3.739	ng/ul	96
96) Benzo(g,h,i)perylene	27.115	276	470791	3.690	ng/ul	95

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

