

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082222\
 Data File : BP011528.D
 Acq On : 22 Aug 2022 12:15
 Operator : CG/JU
 Sample : N3670-01
 Misc : MDL-WATER-4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT2-2022-03

Quant Time: Aug 22 13:19:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

08/24/2022
 Supervised By :Sohil
 Jodhani

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	69899	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	297650	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.222	164	176587	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.992	188	356040	20.000	ng/u1	-0.01
79) Chrysene-d12	21.122	240	342108	20.000	ng/u1	-0.01
88) Perylene-d12	23.410	264	352054	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	9641	4.280	ng/uL	0.00
4) Pyridine-d5	3.476	84	107262	18.599	ng/u1	0.00
7) Phenol-d5	6.734	99	134839	20.992	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.899	67	89805	21.520	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.081	132	112827	23.882	ng/u1	-0.01
15) 4-Methylphenol-d8	8.269	113	109177	21.235	ng/u1	-0.01
21) Nitrobenzene-d5	8.711	128	52985	24.726	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.428	143	54074	24.795	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.963	165	96501	23.972	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.493	131	147768	22.051	ng/u1	0.00
46) Dimethylphthalate-d6	13.646	166	308843	24.728	ng/u1	-0.01
49) Acenaphthylene-d8	13.910	160	377831	27.219	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.451	143	47123	19.583	ng/u1	-0.01
60) Fluorene-d10	15.228	176	251848	23.968	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	38618	20.073	ng/u1	0.00
73) Anthracene-d10	17.092	188	389382	24.694	ng/u1	-0.01
81) Pyrene-d10	19.357	212	432943	25.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.263	264	417466	24.377	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	2782	1.184	ng/uL#	90
5) Pyridine	3.499	79	23590	4.098	ng/u1#	68
6) Benzaldehyde	6.705	77	16405m	5.565	ng/u1	
8) Phenol	6.764	94	25397	3.847	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.993	93	20202	3.923	ng/u1	94
12) 2-Chlorophenol	7.117	128	21553	4.240	ng/u1	95
13) 2-Methylphenol	8.005	108	16852	3.465	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.087	45	31884	4.180	ng/u1	99
16) Acetophenone	8.381	105	32446	3.794	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.369	70	17339	4.076	ng/u1	95
18) 4-Methylphenol	8.334	108	20435	3.796	ng/u1	99
19) Hexachloroethane	8.611	117	9964	4.321	ng/u1	97
22) Nitrobenzene	8.758	77	26550	4.396	ng/u1	97
23) Isophorone	9.281	82	44828	4.228	ng/u1	99
25) 2-Nitrophenol	9.463	139	10454	4.201	ng/u1	95
26) 2,4-Dimethylphenol	9.534	107	25095	4.248	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.775	93	26325	4.108	ng/u1#	95
29) 2,4-Dichlorophenol	9.993	162	18042	4.379	ng/u1	99
30) Naphthalene	10.387	128	68282	4.345	ng/u1	99
32) 4-Chloroaniline	10.516	127	28372	4.086	ng/u1	99
33) Hexachlorobutadiene	10.663	225	12450	4.747	ng/u1	94
34) Caprolactam	11.328	113	6162	4.125	ng/u1	84
35) 4-Chloro-3-methylphenol	11.657	107	19089	3.665	ng/u1	90
36) 2-Methylnaphthalene	12.016	142	43303	4.235	ng/u1	99

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37) 1-Methylnaphthalene	12.240	142	45928	4.429	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.387	216	21100	4.708	ng/u1	97
40) Hexachlorocyclopentadiene	12.357	237	9219	3.315	ng/u1	95
41) 2,4,6-Trichlorophenol	12.646	196	12336	4.276	ng/u1	99
42) 2,4,5-Trichlorophenol	12.716	196	12750	3.971	ng/u1	96
43) 1,1'-Biphenyl	13.046	154	57261	4.352	ng/u1	99
44) 2-Chloronaphthalene	13.087	162	42535	4.290	ng/u1	96
45) 2-Nitroaniline	13.310	65	11996	3.545	ng/u1	99
47) Dimethylphthalate	13.693	163	56946	4.411	ng/u1	99
48) 2,6-Dinitrotoluene	13.816	165	8489	3.658	ng/u1#	89
50) Acenaphthylene	13.940	152	72233	4.380	ng/u1	99
51) 3-Nitroaniline	14.151	138	8301	3.284	ng/u1	92
52) Acenaphthene	14.287	153	48504	4.391	ng/u1	99
53) 2,4-Dinitrophenol	14.369	184	4267	3.004	ng/u1	91
55) 4-Nitrophenol	14.469	109	12351	4.308	ng/u1	90
56) Dibenzofuran	14.628	168	66107	4.340	ng/u1	92
57) 2,4-Dinitrotoluene	14.616	165	13205	3.801	ng/u1#	81
58) 2,3,4,6-Tetrachlorophenol	14.857	232	10665	4.230	ng/u1	94
59) Diethylphthalate	15.075	149	60973	4.313	ng/u1	97
61) Fluorene	15.281	166	54407	4.366	ng/u1	93
62) 4-Chlorophenyl-phenyle...	15.287	204	25278	4.490	ng/u1	93
63) 4-Nitroaniline	15.322	138	9654m	3.954	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.381	198	9204	4.625	ng/u1#	86
67) N-Nitrosodiphenylamine	15.504	169	45091	4.317	ng/u1	98
68) 4-Bromophenyl-phenylether	16.187	248	14179	4.461	ng/u1	95
69) Hexachlorobenzene	16.287	284	16329	4.458	ng/u1	93
70) Atrazine	16.475	200	17165	4.403	ng/u1	95
71) Pentachlorophenol	16.645	266	10140	4.465	ng/u1	90
72) Phenanthrene	17.034	178	85185	4.420	ng/u1	99
74) Anthracene	17.128	178	84988	4.371	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.004	216	20952	4.578	ng/uL	97
76) Pentachlorobenzene	14.540	250	22586	5.201	ng/uL	95
77) Carbazole	17.410	167	73786	4.035	ng/u1	98
78) Di-n-butylphthalate	17.987	149	92280	4.098	ng/u1	99
80) Fluoranthene	19.028	202	91274	4.288	ng/u1	97
82) Pyrene	19.386	202	97816	4.373	ng/u1	96
83) Butylbenzylphthalate	20.286	149	37974	3.785	ng/u1	94
84) 3,3'-Dichlorobenzidine	21.051	252	24731	3.819	ng/u1	96
85) Benzo(a)anthracene	21.110	228	92917	4.458	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.051	149	61692	4.155	ng/u1	97
87) Chrysene	21.157	228	91022	4.446	ng/u1	98
89) Di-n-octyl phthalate	21.939	149	104408	3.689	ng/u1	100
90) Benzo(b)fluoranthene	22.710	252	93087	4.251	ng/u1	98
91) Benzo(k)fluoranthene	22.757	252	86687	4.148	ng/u1	97
93) Benzo(a)pyrene	23.310	252	91472	4.278	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	25.763	276	102433	4.295	ng/u1	97
95) Dibenzo(a,h)anthracene	25.780	278	86237	4.200	ng/u1	96
96) Benzo(g,h,i)perylene	26.480	276	85901	4.235	ng/u1	98

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

Manual Integrations

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