

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062724\
 Data File : VN082736.D
 Acq On : 27 Jun 2024 23:13
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2024
 Supervised By :Mahesh Dadoda 06/28/2024

Quant Time: Jun 28 05:43:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 05:38:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	91764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	165693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	151640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	63887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	7850	5.547	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.100%#		
35) Dibromofluoromethane	8.165	113	5805	5.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.640%#		
50) Toluene-d8	10.571	98	21331	5.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.460%#		
62) 4-Bromofluorobenzene	12.847	95	6938	7.725	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	15.440%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	6622	4.727	ug/l	95
3) Chloromethane	2.359	50	7292	4.973	ug/l	96
4) Vinyl Chloride	2.512	62	8004	5.152	ug/l	98
5) Bromomethane	2.942	94	6432	5.819	ug/l	94
6) Chloroethane	3.106	64	5548	5.063	ug/l #	85
7) Trichlorofluoromethane	3.489	101	10171	5.281	ug/l	95
8) Diethyl Ether	3.959	74	3024	5.021	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	5626	5.121	ug/l	98
10) Methyl Iodide	4.577	142	4495	4.462	ug/l #	80
11) Tert butyl alcohol	5.536	59	5809	25.699	ug/l #	77
12) 1,1-Dichloroethene	4.336	96	5216	5.090	ug/l	85
13) Acrolein	4.189	56	3017	20.865	ug/l	98
14) Allyl chloride	5.018	41	8155	5.296	ug/l	96
15) Acrylonitrile	5.724	53	15288	25.426	ug/l	98
16) Acetone	4.436	43	14195	26.475	ug/l	98
17) Carbon Disulfide	4.706	76	16937	5.046	ug/l	98
18) Methyl Acetate	5.036	43	7544	5.293	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	16562	4.874	ug/l	99
20) Methylene Chloride	5.271	84	6990	4.708	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	5584	5.049	ug/l #	78
22) Diisopropyl ether	6.671	45	17838	4.979	ug/l #	93
23) Vinyl Acetate	6.606	43	65021	22.732	ug/l	98
24) 1,1-Dichloroethane	6.577	63	11510	5.292	ug/l #	95
25) 2-Butanone	7.494	43	20049	24.384	ug/l #	89
26) 2,2-Dichloropropane	7.489	77	6771	4.852	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	6443	4.952	ug/l	89
28) Bromochloromethane	7.818	49	5654	5.944	ug/l #	97
29) Tetrahydrofuran	7.841	42	12491	23.648	ug/l	91
30) Chloroform	7.971	83	11539	4.976	ug/l	98
31) Cyclohexane	8.259	56	10758	5.395	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	10256	5.010	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	7959	5.076	ug/l	95
37) Ethyl Acetate	7.571	43	8054	4.752	ug/l	98
38) Carbon Tetrachloride	8.353	117	9102	4.963	ug/l #	84
39) Methylcyclohexane	9.600	83	7318	4.495	ug/l	98
40) Benzene	8.606	78	24723	4.806	ug/l	98

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Quant Title : SW846 8260

QLast Update : Fri Jun 28 05:38:01 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	4280	4.898	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	8907	4.822	ug/l	97
43) Isopropyl Acetate	8.694	43	15821	5.347	ug/l	99
44) Trichloroethene	9.359	130	5775	4.835	ug/l	83
45) 1,2-Dichloropropane	9.624	63	6283	5.040	ug/l	90
46) Dibromomethane	9.712	93	4630	5.084	ug/l	93
47) Bromodichloromethane	9.888	83	9297	5.010	ug/l	96
48) Methyl methacrylate	9.682	41	6320	4.846	ug/l	96
49) 1,4-Dioxane	9.706	88	2472	94.973	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	41376	23.870	ug/l	99
52) Toluene	10.630	92	14425	4.776	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	8095	4.613	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	8759	4.747	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	5918	5.053	ug/l	92
56) Ethyl methacrylate	10.882	69	7462	5.550	ug/l	95
57) 1,3-Dichloropropane	11.165	76	9967	4.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	21303	24.004	ug/l	99
59) 2-Hexanone	11.200	43	29496	22.949	ug/l	99
60) Dibromochloromethane	11.365	129	6728	4.736	ug/l	99
61) 1,2-Dibromoethane	11.471	107	6113	4.968	ug/l	94
64) Tetrachloroethene	11.106	164	5678	4.998	ug/l	86
65) Chlorobenzene	11.894	112	16676	4.902	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	5906	4.996	ug/l	96
67) Ethyl Benzene	11.965	91	25670	4.573	ug/l	98
68) m/p-Xylenes	12.071	106	18239	10.152	ug/l	98
69) o-Xylene	12.400	106	9225	4.583	ug/l	90
70) Styrene	12.412	104	14063	5.338	ug/l	95
71) Bromoform	12.582	173	4575	4.949	ug/l #	95
73) Isopropylbenzene	12.694	105	21686	4.654	ug/l	98
74) N-amyl acetate	12.494	43	9771	4.698	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	8803	5.385	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	7706m	4.373	ug/l	
77) Bromobenzene	12.976	156	5912	5.106	ug/l	98
78) n-propylbenzene	13.041	91	25894	4.707	ug/l	99
79) 2-Chlorotoluene	13.129	91	16249	4.713	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	17111	4.471	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	2357	4.411	ug/l	98
82) 4-Chlorotoluene	13.223	91	15842	4.656	ug/l	93
83) tert-Butylbenzene	13.441	119	14418	4.293	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	17068	4.512	ug/l	97
85) sec-Butylbenzene	13.618	105	21082	4.671	ug/l	99
86) p-Isopropyltoluene	13.729	119	15626	5.093	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	10808	4.875	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	11522	4.993	ug/l	94
89) n-Butylbenzene	14.059	91	14319	4.472	ug/l	98
90) Hexachloroethane	14.335	117	4053	5.048	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	10380	4.929	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1702	5.526	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	4661	4.534	ug/l	96
94) Hexachlorobutadiene	15.506	225	2167	4.660	ug/l	91
95) Naphthalene	15.647	128	14512	4.250	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	5285	4.821	ug/l	94

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

