

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082510.D
 Acq On : 10 Jun 2024 12:42
 Operator : JC\MD
 Sample : VN0610WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 01:05:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126232	48.648	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.300%		
35) Dibromofluoromethane	8.165	113	88518	51.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.000%		
50) Toluene-d8	10.565	98	307986	46.741	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.480%		
62) 4-Bromofluorobenzene	12.853	95	113386	48.211	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48716	20.562	ug/l	96
3) Chloromethane	2.359	50	51964	19.353	ug/l	96
4) Vinyl Chloride	2.512	62	48997	19.411	ug/l	97
5) Bromomethane	2.959	94	30148	20.779	ug/l	98
6) Chloroethane	3.124	64	33106	20.086	ug/l	97
7) Trichlorofluoromethane	3.501	101	69499	21.026	ug/l	98
8) Diethyl Ether	3.959	74	25536	21.686	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	39378	20.394	ug/l	96
10) Methyl Iodide	4.589	142	38785	19.981	ug/l	95
11) Tert butyl alcohol	5.524	59	39950	95.914	ug/l	96
12) 1,1-Dichloroethene	4.342	96	36956	20.592	ug/l #	78
13) Acrolein	4.177	56	35558	115.202	ug/l	97
14) Allyl chloride	5.024	41	71151	18.518	ug/l #	91
15) Acrylonitrile	5.718	53	114033	105.710	ug/l	100
16) Acetone	4.430	43	105083	98.723	ug/l	95
17) Carbon Disulfide	4.712	76	114199	19.702	ug/l #	95
18) Methyl Acetate	5.024	43	59779	22.551	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	133621	20.370	ug/l	94
20) Methylene Chloride	5.277	84	45970	21.405	ug/l #	75
21) trans-1,2-Dichloroethene	5.789	96	37978	19.419	ug/l #	82
22) Diisopropyl ether	6.671	45	164167	20.461	ug/l #	91
23) Vinyl Acetate	6.606	43	628733m	99.391	ug/l	
24) 1,1-Dichloroethane	6.571	63	85854	20.760	ug/l	97
25) 2-Butanone	7.483	43	164852	102.149	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	69645	20.106	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	48258	20.908	ug/l	85
28) Bromochloromethane	7.812	49	30696	16.499	ug/l #	79
29) Tetrahydrofuran	7.841	42	108244	104.465	ug/l #	82
30) Chloroform	7.971	83	83798	21.219	ug/l	93
31) Cyclohexane	8.259	56	77309	18.654	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	73102	20.865	ug/l	94
36) 1,1-Dichloropropene	8.371	75	57145	19.825	ug/l	96
37) Ethyl Acetate	7.565	43	67332	20.873	ug/l	95
38) Carbon Tetrachloride	8.365	117	63755	21.819	ug/l	98
39) Methylcyclohexane	9.606	83	59573	18.855	ug/l #	84
40) Benzene	8.606	78	181049	21.063	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37461	19.746	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	70060	21.193	ug/l	95
43) Isopropyl Acetate	8.688	43	123582	21.620	ug/l #	89
44) Trichloroethene	9.353	130	41488	21.248	ug/l	90
45) 1,2-Dichloropropane	9.624	63	46185	20.825	ug/l	95
46) Dibromomethane	9.712	93	31082	21.347	ug/l	99
47) Bromodichloromethane	9.888	83	67417	21.933	ug/l #	98
48) Methyl methacrylate	9.683	41	54777	20.112	ug/l #	82
49) 1,4-Dioxane	9.700	88	17022	445.999	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	346753	106.771	ug/l	90
52) Toluene	10.630	92	111608	21.637	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	68121	21.428	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	70684	21.005	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	40959	21.850	ug/l	97
56) Ethyl methacrylate	10.877	69	64347	20.219	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	74132	21.151	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	153501	93.508	ug/l	91
59) 2-Hexanone	11.194	43	252736	106.284	ug/l	88
60) Dibromochloromethane	11.359	129	48374	23.384	ug/l	97
61) 1,2-Dibromoethane	11.471	107	41503	21.556	ug/l	99
64) Tetrachloroethene	11.106	164	41200	21.710	ug/l	94
65) Chlorobenzene	11.894	112	116743	20.639	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	40770	21.882	ug/l	98
67) Ethyl Benzene	11.965	91	199002	19.667	ug/l	97
68) m/p-Xylenes	12.071	106	152540	41.133	ug/l	96
69) o-Xylene	12.400	106	72353	20.141	ug/l	93
70) Styrene	12.412	104	119685	20.058	ug/l	96
71) Bromoform	12.582	173	31302	21.528	ug/l #	98
73) Isopropylbenzene	12.694	105	179580	18.519	ug/l	98
74) N-amyl acetate	12.494	43	93744	17.575	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	56318	20.147	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	54565m	21.239	ug/l	
77) Bromobenzene	12.982	156	45348	19.623	ug/l	89
78) n-propylbenzene	13.035	91	216989	18.896	ug/l	97
79) 2-Chlorotoluene	13.123	91	136327	18.906	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	151002	19.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21587	19.653	ug/l #	71
82) 4-Chlorotoluene	13.223	91	134838	19.126	ug/l	95
83) tert-Butylbenzene	13.441	119	125512	18.297	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	152862	19.055	ug/l	98
85) sec-Butylbenzene	13.618	105	175758	18.485	ug/l	97
86) p-Isopropyltoluene	13.729	119	144981	18.762	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	82730	19.760	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	82786	19.374	ug/l	97
89) n-Butylbenzene	14.059	91	124271	17.892	ug/l	98
90) Hexachloroethane	14.335	117	29323	20.481	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	80165	20.228	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12072	21.019	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	41178	18.536	ug/l	97
94) Hexachlorobutadiene	15.506	225	18881	19.370	ug/l	97
95) Naphthalene	15.641	128	126054	18.107	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	42051	18.909	ug/l	96

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

