

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083395.D
 Acq On : 20 Aug 2024 13:00
 Operator : JC\MD
 Sample : VN0820WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/21/2024
 Supervised By :Semsettin Yesilyurt 08/21/2024

Quant Time: Aug 21 09:20:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	133454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111553	58.725	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.460%			
35) Dibromofluoromethane	8.165	113	82982	55.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.900%			
50) Toluene-d8	10.565	98	298210	53.422	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.840%			
62) 4-Bromofluorobenzene	12.847	95	118447	54.427	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33672	22.250	ug/l	96
3) Chloromethane	2.359	50	34517	22.278	ug/l	92
4) Vinyl Chloride	2.512	62	37601	23.783	ug/l	98
5) Bromomethane	2.901	94	17257	17.591	ug/l	99
6) Chloroethane	3.071	64	26548	26.840	ug/l	100
7) Trichlorofluoromethane	3.465	101	66771	25.566	ug/l	91
8) Diethyl Ether	3.953	74	22617	23.272	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.359	101	36001	25.002	ug/l	99
10) Methyl Iodide	4.571	142	41546	21.934	ug/l	93
11) Tert butyl alcohol	5.536	59	35413	89.706	ug/l	98
12) 1,1-Dichloroethene	4.324	96	34447	23.285	ug/l	93
13) Acrolein	4.177	56	26683	103.710	ug/l	100
14) Allyl chloride	5.018	41	61899	22.141	ug/l	90
15) Acrylonitrile	5.718	53	95948	118.178	ug/l	98
16) Acetone	4.430	43	82354	110.796	ug/l	99
17) Carbon Disulfide	4.700	76	80862	18.681	ug/l	96
18) Methyl Acetate	5.024	43	64237	29.006	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	129816	24.311	ug/l	97
20) Methylene Chloride	5.271	84	39919	23.335	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	35226	23.039	ug/l	94
22) Diisopropyl ether	6.671	45	131603	25.043	ug/l	98
23) Vinyl Acetate	6.600	43	625527	116.133	ug/l	97
24) 1,1-Dichloroethane	6.565	63	74298	25.939	ug/l	99
25) 2-Butanone	7.483	43	126806	111.106	ug/l #	90
26) 2,2-Dichloropropane	7.483	77	65903	24.775	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	44894	24.332	ug/l	92
28) Bromochloromethane	7.812	49	27686	23.652	ug/l	89
29) Tetrahydrofuran	7.836	42	83834	113.630	ug/l	93
30) Chloroform	7.965	83	78728	26.456	ug/l	93
31) Cyclohexane	8.253	56	59073	20.985	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	71426	25.358	ug/l	95
36) 1,1-Dichloropropene	8.371	75	50832	22.455	ug/l	99
37) Ethyl Acetate	7.559	43	53812	21.231	ug/l #	96
38) Carbon Tetrachloride	8.359	117	60905	23.887	ug/l	95
39) Methylcyclohexane	9.600	83	57326	20.618	ug/l	94
40) Benzene	8.600	78	160364	23.780	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29943	20.777	ug/l	96
42) 1,2-Dichloroethane	8.671	62	61529	25.046	ug/l	98
43) Isopropyl Acetate	8.688	43	98061	20.948	ug/l	95
44) Trichloroethene	9.347	130	36632	22.822	ug/l	90
45) 1,2-Dichloropropane	9.618	63	40302	25.177	ug/l	98
46) Dibromomethane	9.706	93	28213	24.623	ug/l	99
47) Bromodichloromethane	9.882	83	62532	24.306	ug/l	97
48) Methyl methacrylate	9.682	41	45189	21.565	ug/l	94
49) 1,4-Dioxane	9.700	88	16437	434.787	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	265829	110.908	ug/l	94
52) Toluene	10.629	92	98923	23.216	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	58778	22.242	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	63850	22.715	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	39523	25.883	ug/l	95
56) Ethyl methacrylate	10.871	69	63458	22.044	ug/l	89
57) 1,3-Dichloropropane	11.159	76	66334	24.372	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	100527	82.615	ug/l	96
59) 2-Hexanone	11.194	43	195832	105.611	ug/l	93
60) Dibromochloromethane	11.359	129	43415	23.516	ug/l	100
61) 1,2-Dibromoethane	11.471	107	37632	23.460	ug/l	97
64) Tetrachloroethene	11.106	164	30488	21.893	ug/l	93
65) Chlorobenzene	11.888	112	106562	22.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	38352	23.402	ug/l	99
67) Ethyl Benzene	11.965	91	193180	22.662	ug/l	100
68) m/p-Xylenes	12.071	106	144103	45.129	ug/l	100
69) o-Xylene	12.400	106	70656	22.436	ug/l	98
70) Styrene	12.412	104	121271	22.927	ug/l	98
71) Bromoform	12.576	173	27749	22.351	ug/l #	98
73) Isopropylbenzene	12.694	105	183908	20.600	ug/l	100
74) N-amyl acetate	12.494	43	80511	18.437	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	55899	22.138	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	49030m	20.930	ug/l	
77) Bromobenzene	12.976	156	43213	21.790	ug/l	98
78) n-propylbenzene	13.035	91	214222	20.839	ug/l	99
79) 2-Chlorotoluene	13.123	91	140625	21.577	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	156687	20.964	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	18588	17.260	ug/l	96
82) 4-Chlorotoluene	13.223	91	140026	21.419	ug/l	96
83) tert-Butylbenzene	13.441	119	139127	21.019	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	159570	21.185	ug/l	100
85) sec-Butylbenzene	13.618	105	189719	21.006	ug/l	100
86) p-Isopropyltoluene	13.729	119	156362	20.968	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	81410	21.816	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	85354	22.688	ug/l	97
89) n-Butylbenzene	14.059	91	133840	20.713	ug/l	98
90) Hexachloroethane	14.329	117	30259	21.003	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	82492	22.844	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11954	19.510	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	41005	20.269	ug/l	96
94) Hexachlorobutadiene	15.500	225	18410	20.462	ug/l	97
95) Naphthalene	15.641	128	137066	19.127	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40905	20.435	ug/l	98

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

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