

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083389.D
 Acq On : 19 Aug 2024 21:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 20 04:53:13 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/20/2024
 Supervised By : Mahesh Dadoda 08/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118718	55.465	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.920%			
35) Dibromofluoromethane	8.165	113	87593	53.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.140%			
50) Toluene-d8	10.565	98	315539	51.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.847	95	124941	52.543	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	76385	44.794	ug/l	99
3) Chloromethane	2.359	50	77730	44.523	ug/l	100
4) Vinyl Chloride	2.512	62	87614	49.181	ug/l	98
5) Bromomethane	2.942	94	45742	41.381	ug/l	97
6) Chloroethane	3.112	64	57968	52.011	ug/l	99
7) Trichlorofluoromethane	3.495	101	150680	51.201	ug/l	96
8) Diethyl Ether	3.959	74	53802	49.130	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	81785	50.406	ug/l	99
10) Methyl Iodide	4.583	142	85153	39.897	ug/l	98
11) Tert butyl alcohol	5.524	59	100224	225.314	ug/l	98
12) 1,1-Dichloroethene	4.336	96	77905	46.735	ug/l	91
13) Acrolein	4.183	56	38087	131.376	ug/l	96
14) Allyl chloride	5.024	41	127742	40.552	ug/l	94
15) Acrylonitrile	5.718	53	243632	266.313	ug/l	99
16) Acetone	4.424	43	205728	245.634	ug/l	95
17) Carbon Disulfide	4.712	76	182260	37.368	ug/l	100
18) Methyl Acetate	5.030	43	151886	60.867	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	308432	51.262	ug/l	98
20) Methylene Chloride	5.277	84	90068	46.727	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	81405	47.250	ug/l	90
22) Diisopropyl ether	6.671	45	309589	52.284	ug/l	97
23) Vinyl Acetate	6.606	43	1548700m	255.172	ug/l	
24) 1,1-Dichloroethane	6.571	63	170821	52.926	ug/l	98
25) 2-Butanone	7.483	43	335274	260.708	ug/l	93
26) 2,2-Dichloropropane	7.494	77	117075	39.060	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	102865	49.479	ug/l	92
28) Bromochloromethane	7.812	49	70232	53.247	ug/l	88
29) Tetrahydrofuran	7.841	42	223538	268.894	ug/l	90
30) Chloroform	7.965	83	183984	54.869	ug/l	97
31) Cyclohexane	8.253	56	135714	42.785	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	165354	52.098	ug/l	97
36) 1,1-Dichloropropene	8.371	75	119246	48.210	ug/l	99
37) Ethyl Acetate	7.559	43	137397	49.612	ug/l #	94
38) Carbon Tetrachloride	8.359	117	142350	51.097	ug/l	99
39) Methylcyclohexane	9.600	83	134156	44.159	ug/l	95
40) Benzene	8.606	78	370190	50.239	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	77887	49.463	ug/l	96
42) 1,2-Dichloroethane	8.671	62	144447	53.814	ug/l	98
43) Isopropyl Acetate	8.688	43	243142	50.666	ug/l #	94
44) Trichloroethene	9.353	130	86184	49.140	ug/l	99
45) 1,2-Dichloropropane	9.624	63	94624	54.100	ug/l	98
46) Dibromomethane	9.706	93	67582	53.982	ug/l	98
47) Bromodichloromethane	9.888	83	149044	53.021	ug/l	99
48) Methyl methacrylate	9.682	41	114054	49.814	ug/l	92
49) 1,4-Dioxane	9.700	88	43079	1042.892	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	723767	276.364	ug/l	94
52) Toluene	10.629	92	233263	50.103	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	143419	49.668	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	149209	48.582	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	92891	55.675	ug/l	95
56) Ethyl methacrylate	10.876	69	160894	51.153	ug/l	88
57) 1,3-Dichloropropane	11.165	76	160438	53.949	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	333126	250.556	ug/l	96
59) 2-Hexanone	11.194	43	545533	269.256	ug/l	94
60) Dibromochloromethane	11.359	129	110389	54.723	ug/l	99
61) 1,2-Dibromoethane	11.471	107	91694	52.315	ug/l	97
64) Tetrachloroethene	11.106	164	74621	48.221	ug/l	95
65) Chlorobenzene	11.894	112	256689	49.711	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	92717	50.912	ug/l	99
67) Ethyl Benzene	11.965	91	468241	49.432	ug/l	99
68) m/p-Xylenes	12.070	106	347471	97.926	ug/l	97
69) o-Xylene	12.394	106	172735	49.359	ug/l	99
70) Styrene	12.412	104	297868	50.677	ug/l	98
71) Bromoform	12.576	173	73574	53.330	ug/l #	100
73) Isopropylbenzene	12.694	105	450627	46.298	ug/l	99
74) N-amyl acetate	12.494	43	212804	44.698	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	139594	50.708	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	125229m	49.033	ug/l	
77) Bromobenzene	12.982	156	103433	47.838	ug/l	95
78) n-propylbenzene	13.035	91	528183	47.127	ug/l	99
79) 2-Chlorotoluene	13.123	91	333905	46.992	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	385940	47.362	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	45502	38.755	ug/l	99
82) 4-Chlorotoluene	13.223	91	331153	46.462	ug/l	98
83) tert-Butylbenzene	13.441	119	339212	47.006	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	391181	47.635	ug/l	99
85) sec-Butylbenzene	13.617	105	459301	46.645	ug/l	99
86) p-Isopropyltoluene	13.729	119	385577	47.424	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	192117	47.222	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	191894	46.786	ug/l	99
89) n-Butylbenzene	14.059	91	327783	46.528	ug/l	98
90) Hexachloroethane	14.335	117	72890	46.404	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	188570	47.897	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30859	46.195	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	99252	45.000	ug/l	98
94) Hexachlorobutadiene	15.500	225	39630	40.402	ug/l	99
95) Naphthalene	15.641	128	359773	46.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99618	45.646	ug/l	96

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

