

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085469.D
 Acq On : 16 Jan 2025 14:58
 Operator : JC\MD
 Sample : VN0116WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS02

Quant Time: Jan 17 01:04:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	216168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	362531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	183322	52.537	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.080%
35) Dibromofluoromethane	8.159	113	135623	53.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.840%
50) Toluene-d8	10.565	98	501598	56.132	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.260%
62) 4-Bromofluorobenzene	12.847	95	170979	55.934	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54357	18.572	ug/l	98
3) Chloromethane	2.359	50	55548	17.529	ug/l	98
4) Vinyl Chloride	2.518	62	55799	17.518	ug/l	97
5) Bromomethane	2.965	94	35394	18.396	ug/l	98
6) Chloroethane	3.124	64	37972	18.803	ug/l	97
7) Trichlorofluoromethane	3.506	101	86330	18.679	ug/l	99
8) Diethyl Ether	3.959	74	26343	16.499	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	49036	18.837	ug/l	98
10) Methyl Iodide	4.589	142	54247	18.197	ug/l	97
11) Tert butyl alcohol	5.506	59	32868	82.261	ug/l	98
12) 1,1-Dichloroethene	4.341	96	42747	18.426	ug/l	95
13) Acrolein	4.177	56	58357	106.992	ug/l	97
14) Allyl chloride	5.018	41	68717	18.254	ug/l	97
15) Acrylonitrile	5.718	53	110925	87.402	ug/l	98
16) Acetone	4.424	43	99657	88.391	ug/l	100
17) Carbon Disulfide	4.706	76	121857	17.059	ug/l	99
18) Methyl Acetate	5.024	43	61898	18.055	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	139011	18.453	ug/l	97
20) Methylene Chloride	5.271	84	50541	18.108	ug/l	97
21) trans-1,2-Dichloroethene	5.788	96	45412	18.316	ug/l	98
22) Diisopropyl ether	6.665	45	159792	19.124	ug/l	98
23) Vinyl Acetate	6.600	43	554902	94.894	ug/l	99
24) 1,1-Dichloroethane	6.565	63	94024	18.454	ug/l	99
25) 2-Butanone	7.477	43	144880	87.322	ug/l	100
26) 2,2-Dichloropropane	7.488	77	84249	20.452	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	53431	18.296	ug/l	98
28) Bromochloromethane	7.812	49	54791	23.115	ug/l	99
29) Tetrahydrofuran	7.835	42	96333	91.579	ug/l	99
30) Chloroform	7.959	83	94920	18.026	ug/l	96
31) Cyclohexane	8.253	56	80038	18.074	ug/l	94
32) 1,1,1-Trichloroethane	8.159	97	84510	18.296	ug/l	96
36) 1,1-Dichloropropene	8.371	75	64314	18.220	ug/l	99
37) Ethyl Acetate	7.553	43	63956	17.951	ug/l	96
38) Carbon Tetrachloride	8.359	117	74374	18.404	ug/l	97
39) Methylcyclohexane	9.594	83	63451	19.129	ug/l	96
40) Benzene	8.600	78	199829	18.841	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	34845	18.798	ug/l	97
42) 1,2-Dichloroethane	8.665	62	75095	18.799	ug/l	99
43) Isopropyl Acetate	8.682	43	105481	18.476	ug/l	99
44) Trichloroethene	9.347	130	45419	18.397	ug/l	92
45) 1,2-Dichloropropane	9.618	63	50072	18.483	ug/l	97
46) Dibromomethane	9.706	93	35155	17.984	ug/l	99
47) Bromodichloromethane	9.882	83	76358	19.174	ug/l	94
48) Methyl methacrylate	9.676	41	48063	18.708	ug/l	99
49) 1,4-Dioxane	9.688	88	13467	311.272	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	312032	94.189	ug/l	99
52) Toluene	10.623	92	121428	19.759	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	72340	19.221	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	78694	19.575	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	44664	18.365	ug/l	97
56) Ethyl methacrylate	10.870	69	65365	17.270	ug/l	98
57) 1,3-Dichloropropane	11.159	76	80844	19.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	167593	108.591	ug/l	100
59) 2-Hexanone	11.188	43	218845	93.884	ug/l	99
60) Dibromochloromethane	11.353	129	54757	18.649	ug/l	99
61) 1,2-Dibromoethane	11.465	107	44564	18.408	ug/l	98
64) Tetrachloroethene	11.100	164	41925	19.464	ug/l	99
65) Chlorobenzene	11.888	112	132758	19.181	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	47414	18.665	ug/l	99
67) Ethyl Benzene	11.959	91	220158	19.529	ug/l	99
68) m/p-Xylenes	12.070	106	168351	40.407	ug/l	100
69) o-Xylene	12.394	106	78206	19.642	ug/l	98
70) Styrene	12.406	104	130931	19.870	ug/l	98
71) Bromoform	12.576	173	34623	19.049	ug/l #	98
73) Isopropylbenzene	12.694	105	200566	19.443	ug/l	100
74) N-amyl acetate	12.488	43	86325	18.618	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	66385	18.218	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	61277m	19.725	ug/l	
77) Bromobenzene	12.976	156	50199	18.626	ug/l	99
78) n-propylbenzene	13.035	91	250084	20.479	ug/l	100
79) 2-Chlorotoluene	13.123	91	153588	19.433	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	174702	20.503	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21208	18.471	ug/l	92
82) 4-Chlorotoluene	13.217	91	156650	19.906	ug/l	99
83) tert-Butylbenzene	13.435	119	141806	19.818	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	177849	20.942	ug/l	99
85) sec-Butylbenzene	13.611	105	210023	21.178	ug/l	100
86) p-Isopropyltoluene	13.729	119	170684	20.616	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	95329	19.207	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	94438	18.357	ug/l	99
89) n-Butylbenzene	14.053	91	144643	20.330	ug/l	100
90) Hexachloroethane	14.329	117	34517	18.283	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	88561	17.889	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11652	17.512	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	43165	18.760	ug/l	99
94) Hexachlorobutadiene	15.500	225	22921	18.763	ug/l	97
95) Naphthalene	15.635	128	110007	16.022	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	42851	18.405	ug/l	98

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

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