

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084287.D
 Acq On : 03 Oct 2024 10:40
 Operator : JC\MD
 Sample : VN1003WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

Quant Time: Oct 04 01:30:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126965	54.843	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.680%
35) Dibromofluoromethane	8.165	113	97332	55.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.100%
50) Toluene-d8	10.565	98	356552	54.809	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.620%
62) 4-Bromofluorobenzene	12.847	95	129600	54.685	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.360%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.130	85	36360	19.687	ug/l 94
3) Chloromethane	2.365	50	40309	19.114	ug/l 97
4) Vinyl Chloride	2.518	62	40198	19.679	ug/l 97
5) Bromomethane	2.965	94	25935	19.248	ug/l 97
6) Chloroethane	3.124	64	27671	18.915	ug/l 95
7) Trichlorofluoromethane	3.500	101	62722	19.718	ug/l 100
8) Diethyl Ether	3.965	74	22765	19.297	ug/l 96
9) 1,1,2-Trichlorotrifluo...	4.377	101	38730	21.250	ug/l 97
10) Methyl Iodide	4.589	142	47462	20.221	ug/l 95
11) Tert butyl alcohol	5.518	59	35686	93.483	ug/l 99
12) 1,1-Dichloroethene	4.342	96	34247	19.480	ug/l 98
13) Acrolein	4.183	56	38359	87.529	ug/l 100
14) Allyl chloride	5.024	41	55508	18.180	ug/l 98
15) Acrylonitrile	5.718	53	100479	104.232	ug/l 97
16) Acetone	4.430	43	93734	94.251	ug/l 99
17) Carbon Disulfide	4.718	76	99830	17.935	ug/l 100
18) Methyl Acetate	5.030	43	45251	20.876	ug/l 100
19) Methyl tert-butyl Ether	5.794	73	122104	20.578	ug/l 100
20) Methylene Chloride	5.271	84	41574	20.565	ug/l 86
21) trans-1,2-Dichloroethene	5.789	96	36911	20.040	ug/l 99
22) Diisopropyl ether	6.671	45	132716	21.015	ug/l 97
23) Vinyl Acetate	6.606	43	494150	105.494	ug/l 99
24) 1,1-Dichloroethane	6.571	63	72893	20.639	ug/l 99
25) 2-Butanone	7.483	43	135725	100.200	ug/l 98
26) 2,2-Dichloropropane	7.488	77	60055	18.859	ug/l 96
27) cis-1,2-Dichloroethene	7.483	96	44504	19.996	ug/l 99
28) Bromochloromethane	7.812	49	36194	22.969	ug/l 99
29) Tetrahydrofuran	7.841	42	86041	102.931	ug/l 99
30) Chloroform	7.965	83	76104	20.745	ug/l 98
31) Cyclohexane	8.259	56	63688	18.573	ug/l 98
32) 1,1,1-Trichloroethane	8.171	97	66380	20.147	ug/l 95
36) 1,1-Dichloropropene	8.371	75	49686	19.346	ug/l 99
37) Ethyl Acetate	7.565	43	52477	19.916	ug/l 98
38) Carbon Tetrachloride	8.359	117	57204	20.304	ug/l 97
39) Methylcyclohexane	9.600	83	55154	19.295	ug/l 99
40) Benzene	8.606	78	166211	20.771	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	29683	20.751	ug/l	98
42) 1,2-Dichloroethane	8.671	62	58993	21.746	ug/l	99
43) Isopropyl Acetate	8.688	43	88817	17.209	ug/l	98
44) Trichloroethene	9.353	130	37201	19.905	ug/l	93
45) 1,2-Dichloropropane	9.618	63	40803	21.555	ug/l	96
46) Dibromomethane	9.706	93	29220	22.874	ug/l	98
47) Bromodichloromethane	9.888	83	60940	21.472	ug/l	99
48) Methyl methacrylate	9.682	41	42304	20.591	ug/l	98
49) 1,4-Dioxane	9.694	88	16004	423.134	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	270510	107.846	ug/l	100
52) Toluene	10.629	92	100302	20.555	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	58839	20.338	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	64371	20.686	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	39008	22.299	ug/l	96
56) Ethyl methacrylate	10.871	69	59987	20.840	ug/l	98
57) 1,3-Dichloropropane	11.165	76	66561	21.294	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	139786	104.687	ug/l	100
59) 2-Hexanone	11.194	43	198433	105.845	ug/l	98
60) Dibromochloromethane	11.359	129	45813	22.165	ug/l	98
61) 1,2-Dibromoethane	11.471	107	38918	21.411	ug/l	99
64) Tetrachloroethene	11.100	164	34099	20.332	ug/l	94
65) Chlorobenzene	11.894	112	108952	20.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	38392	20.877	ug/l	97
67) Ethyl Benzene	11.965	91	183902	19.478	ug/l	100
68) m/p-Xylenes	12.070	106	144563	41.392	ug/l	98
69) o-Xylene	12.394	106	66715	20.190	ug/l	99
70) Styrene	12.412	104	115957	20.718	ug/l	99
71) Bromoform	12.576	173	29230	21.590	ug/l #	96
73) Isopropylbenzene	12.694	105	170131	19.043	ug/l	100
74) N-amyl acetate	12.494	43	76380	18.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	53725	19.999	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	46336m	19.386	ug/l	
77) Bromobenzene	12.976	156	42326	19.640	ug/l	99
78) n-propylbenzene	13.035	91	205979	19.899	ug/l	99
79) 2-Chlorotoluene	13.123	91	128715	19.487	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	146969	20.167	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18636	18.693	ug/l	97
82) 4-Chlorotoluene	13.217	91	133150	20.025	ug/l	99
83) tert-Butylbenzene	13.435	119	124662	19.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	149658	20.385	ug/l	100
85) sec-Butylbenzene	13.617	105	172092	19.910	ug/l	99
86) p-Isopropyltoluene	13.729	119	141757	19.833	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	79774	19.732	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	79022	19.355	ug/l	99
89) n-Butylbenzene	14.059	91	121728	18.782	ug/l	99
90) Hexachloroethane	14.335	117	27869	19.209	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	77582	19.571	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10820	19.518	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	36612	18.751	ug/l	98
94) Hexachlorobutadiene	15.500	225	16640	17.089	ug/l	99
95) Naphthalene	15.641	128	107461	16.601	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36465	18.657	ug/l	98

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

