

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121224\
 Data File : VN085183.D
 Acq On : 12 Dec 2024 11:35
 Operator : JC\MD
 Sample : VN1212WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

12/13/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Dec 13 04:21:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105313	48.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.980%
35) Dibromofluoromethane	8.165	113	87608	52.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.780%
50) Toluene-d8	10.565	98	299299	50.418	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.847	95	109685	49.408	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	23406	13.575	ug/l	91
3) Chloromethane	2.359	50	25658	12.831	ug/l	97
4) Vinyl Chloride	2.512	62	28089	15.630	ug/l	95
5) Bromomethane	2.959	94	20903	20.752	ug/l	85
6) Chloroethane	3.118	64	19697	16.261	ug/l	97
7) Trichlorofluoromethane	3.501	101	53726	17.574	ug/l	98
8) Diethyl Ether	3.959	74	17373	16.697	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	30547	17.618	ug/l	99
10) Methyl Iodide	4.589	142	35738	15.571	ug/l	96
11) Tert butyl alcohol	5.518	59	28379	97.777	ug/l	97
12) 1,1-Dichloroethene	4.336	96	26398	16.311	ug/l	100
13) Acrolein	4.183	56	14671	75.752	ug/l	94
14) Allyl chloride	5.024	41	40588	14.877	ug/l	92
15) Acrylonitrile	5.718	53	79939	97.282	ug/l	99
16) Acetone	4.424	43	67223	106.271	ug/l	100
17) Carbon Disulfide	4.712	76	68477	14.335	ug/l	97
18) Methyl Acetate	5.030	43	39947	19.048	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	97338	18.408	ug/l	98
20) Methylene Chloride	5.277	84	32488	16.831	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	28764	16.889	ug/l	91
22) Diisopropyl ether	6.671	45	99327	18.089	ug/l	97
23) Vinyl Acetate	6.600	43	341453	90.135	ug/l	98
24) 1,1-Dichloroethane	6.565	63	58045	17.664	ug/l	98
25) 2-Butanone	7.483	43	104665	101.205	ug/l	98
26) 2,2-Dichloropropane	7.489	77	54585	17.789	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	36020	17.544	ug/l	99
28) Bromochloromethane	7.806	49	20729	16.711	ug/l	92
29) Tetrahydrofuran	7.841	42	65891	102.454	ug/l	99
30) Chloroform	7.965	83	63004	18.024	ug/l	98
31) Cyclohexane	8.253	56	46865	16.198	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	58082	18.388	ug/l	94
36) 1,1-Dichloropropene	8.371	75	40219	17.926	ug/l	99
37) Ethyl Acetate	7.559	43	43133	21.147	ug/l	98
38) Carbon Tetrachloride	8.359	117	52518	20.279	ug/l	94
39) Methylcyclohexane	9.600	83	39923	17.124	ug/l	95
40) Benzene	8.600	78	129379	18.232	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	21622	19.146	ug/l	95
42) 1,2-Dichloroethane	8.671	62	46114	18.995	ug/l	100
43) Isopropyl Acetate	8.688	43	71966	16.986	ug/l	98
44) Trichloroethene	9.347	130	31585	19.153	ug/l	88
45) 1,2-Dichloropropane	9.618	63	31228	17.867	ug/l	98
46) Dibromomethane	9.706	93	24372	20.068	ug/l	99
47) Bromodichloromethane	9.883	83	50344	19.559	ug/l	97
48) Methyl methacrylate	9.683	41	32015	20.306	ug/l	97
49) 1,4-Dioxane	9.694	88	12785	467.605	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	216822	112.042	ug/l	99
52) Toluene	10.630	92	81066	19.297	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	48983	18.981	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	52142	19.046	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	33256	21.253	ug/l	93
56) Ethyl methacrylate	10.871	69	48277	21.114	ug/l	99
57) 1,3-Dichloropropane	11.159	76	55121	20.015	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	95476	85.125	ug/l	98
59) 2-Hexanone	11.194	43	162137	112.024	ug/l	98
60) Dibromochloromethane	11.359	129	39666	20.742	ug/l	99
61) 1,2-Dibromoethane	11.465	107	32544	20.096	ug/l	95
64) Tetrachloroethene	11.100	164	30155	20.843	ug/l	98
65) Chlorobenzene	11.888	112	89242	18.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	33914	19.782	ug/l	99
67) Ethyl Benzene	11.959	91	147068	18.616	ug/l	99
68) m/p-Xylenes	12.071	106	116932	38.878	ug/l	98
69) o-Xylene	12.394	106	54888	19.185	ug/l	100
70) Styrene	12.406	104	95799	20.135	ug/l	99
71) Bromoform	12.576	173	27134	21.322	ug/l #	95
73) Isopropylbenzene	12.694	105	143088	19.678	ug/l	100
74) N-amyl acetate	12.488	43	59596	19.890	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	46857	18.871	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	38821m	20.707	ug/l	
77) Bromobenzene	12.976	156	36651	18.730	ug/l	100
78) n-propylbenzene	13.029	91	166027	19.796	ug/l	99
79) 2-Chlorotoluene	13.123	91	107242	19.155	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	120526	19.753	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	15418m	18.155	ug/l	
82) 4-Chlorotoluene	13.218	91	106525	18.277	ug/l	99
83) tert-Butylbenzene	13.435	119	99847	19.019	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	122023	19.428	ug/l	99
85) sec-Butylbenzene	13.612	105	140947	19.874	ug/l	99
86) p-Isopropyltoluene	13.729	119	115688	19.761	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	67069	17.377	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	67056	17.025	ug/l	99
89) n-Butylbenzene	14.053	91	92599	17.008	ug/l	97
90) Hexachloroethane	14.329	117	23084	18.089	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	64203	17.360	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9500	19.786	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	29813	14.838	ug/l	98
94) Hexachlorobutadiene	15.494	225	15599	16.822	ug/l	96
95) Naphthalene	15.641	128	89991	15.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30388	15.851	ug/l	99

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

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

