

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085144.D
 Acq On : 09 Dec 2024 11:35
 Operator : JC\MD
 Sample : VN1209WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 04:57:50 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	163291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106459	45.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.540%
35) Dibromofluoromethane	8.165	113	89046	50.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.740%
50) Toluene-d8	10.565	98	305121	48.643	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.847	95	110888	47.272	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.540%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	26409	14.303	ug/l	94
3) Chloromethane	2.359	50	27604	12.890	ug/l	91
4) Vinyl Chloride	2.512	62	30286	15.737	ug/l	100
5) Bromomethane	2.954	94	21229	19.680	ug/l	95
6) Chloroethane	3.118	64	21103	16.268	ug/l	95
7) Trichlorofluoromethane	3.495	101	56705	17.321	ug/l	96
8) Diethyl Ether	3.959	74	18392	16.506	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	32533	17.521	ug/l	99
10) Methyl Iodide	4.589	142	35117	14.288	ug/l	96
11) Tert butyl alcohol	5.518	59	30573	98.362	ug/l #	94
12) 1,1-Dichloroethene	4.336	96	29194	16.844	ug/l	96
13) Acrolein	4.183	56	17012	82.024	ug/l	95
14) Allyl chloride	5.024	41	42953	14.701	ug/l	96
15) Acrylonitrile	5.718	53	83368	94.738	ug/l	99
16) Acetone	4.430	43	74219	109.563	ug/l	97
17) Carbon Disulfide	4.712	76	80210	15.679	ug/l	99
18) Methyl Acetate	5.024	43	41204	18.303	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	97105	17.148	ug/l	98
20) Methylene Chloride	5.277	84	35121	16.990	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	31602	17.327	ug/l	95
22) Diisopropyl ether	6.671	45	103043	17.523	ug/l	99
23) Vinyl Acetate	6.606	43	351180	86.565	ug/l	98
24) 1,1-Dichloroethane	6.565	63	61913	17.594	ug/l	99
25) 2-Butanone	7.483	43	108793	98.232	ug/l	98
26) 2,2-Dichloropropane	7.489	77	57271	17.429	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	37413	17.016	ug/l	100
28) Bromochloromethane	7.812	49	24208	18.224	ug/l	91
29) Tetrahydrofuran	7.841	42	66904	97.142	ug/l	94
30) Chloroform	7.965	83	65806	17.580	ug/l	98
31) Cyclohexane	8.259	56	51467	16.611	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	61775	18.262	ug/l	96
36) 1,1-Dichloropropene	8.371	75	42851	18.075	ug/l	97
37) Ethyl Acetate	7.565	43	42554	19.744	ug/l	98
38) Carbon Tetrachloride	8.365	117	54048	19.750	ug/l	94
39) Methylcyclohexane	9.600	83	42735	17.347	ug/l	97
40) Benzene	8.606	78	139262	18.573	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	22251	18.646	ug/l	95
42) 1,2-Dichloroethane	8.671	62	48342	18.845	ug/l	100
43) Isopropyl Acetate	8.688	43	72727	16.245	ug/l	98
44) Trichloroethene	9.353	130	33126	19.010	ug/l	86
45) 1,2-Dichloropropane	9.618	63	34338	18.593	ug/l	96
46) Dibromomethane	9.712	93	25247	19.674	ug/l	99
47) Bromodichloromethane	9.888	83	51682	19.002	ug/l	99
48) Methyl methacrylate	9.677	41	33500	20.109	ug/l	97
49) 1,4-Dioxane	9.694	88	13321	461.086	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	228689	111.838	ug/l	99
52) Toluene	10.630	92	88892	20.025	ug/l	98
53) t-1,3-Dichloropropene	10.830	75	49777	18.255	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	55624	19.228	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	34271	20.727	ug/l	98
56) Ethyl methacrylate	10.877	69	49811	20.617	ug/l	99
57) 1,3-Dichloropropane	11.159	76	54891	18.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	107728	90.899	ug/l	100
59) 2-Hexanone	11.194	43	169991	111.153	ug/l	99
60) Dibromochloromethane	11.359	129	40779	20.181	ug/l	99
61) 1,2-Dibromoethane	11.471	107	33148	19.372	ug/l	98
64) Tetrachloroethene	11.106	164	31073	20.769	ug/l	93
65) Chlorobenzene	11.888	112	92261	18.322	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35345	19.936	ug/l	98
67) Ethyl Benzene	11.965	91	156939	19.210	ug/l	99
68) m/p-Xylenes	12.071	106	121108	38.938	ug/l	99
69) o-Xylene	12.400	106	57985	19.599	ug/l	99
70) Styrene	12.412	104	98206	19.960	ug/l	99
71) Bromoform	12.576	173	28031	21.300	ug/l #	99
73) Isopropylbenzene	12.694	105	147544	19.995	ug/l	100
74) N-amyl acetate	12.494	43	62083	20.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48508	19.251	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	34658m	18.216	ug/l	
77) Bromobenzene	12.982	156	38928	19.603	ug/l	99
78) n-propylbenzene	13.035	91	177101	20.808	ug/l	98
79) 2-Chlorotoluene	13.123	91	111085	19.552	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	125642	20.291	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17583	20.401	ug/l	93
82) 4-Chlorotoluene	13.218	91	112899	19.088	ug/l	99
83) tert-Butylbenzene	13.435	119	107573	20.191	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	126653	19.871	ug/l	99
85) sec-Butylbenzene	13.618	105	147809	20.537	ug/l	99
86) p-Isopropyltoluene	13.729	119	120791	20.331	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	68527	17.496	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	69227	17.319	ug/l	98
89) n-Butylbenzene	14.053	91	96140	17.401	ug/l	98
90) Hexachloroethane	14.335	117	25206	19.464	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	65350	17.412	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9910	20.338	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	32298	15.840	ug/l	100
94) Hexachlorobutadiene	15.500	225	16431	17.460	ug/l	96
95) Naphthalene	15.641	128	91989	15.840	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	31678	16.282	ug/l	97

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

