

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120324\
 Data File : VN085076.D
 Acq On : 03 Dec 2024 14:43
 Operator : JC\MD
 Sample : VN1203WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:49:47 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	8.218	168	153520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	251111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	215428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103594	47.373	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.740%
35) Dibromofluoromethane	8.159	113	85791	50.662	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.320%
50) Toluene-d8	10.559	98	290281	47.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.847	95	112367	49.511	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	29739	17.131	ug/l	98
3) Chloromethane	2.360	50	34793	17.281	ug/l	95
4) Vinyl Chloride	2.518	62	32685	18.064	ug/l	99
5) Bromomethane	2.901	94	19140	18.873	ug/l	92
6) Chloroethane	3.077	64	23119	18.957	ug/l	95
7) Trichlorofluoromethane	3.477	101	59838	19.441	ug/l	94
8) Diethyl Ether	3.954	74	21232	20.267	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	34942	20.016	ug/l	99
10) Methyl Iodide	4.577	142	45278	19.594	ug/l #	89
11) Tert butyl alcohol	5.530	59	24741	84.665	ug/l	95
12) 1,1-Dichloroethene	4.330	96	31364	19.248	ug/l #	84
13) Acrolein	4.171	56	22619	116.000	ug/l	95
14) Allyl chloride	5.012	41	51268	18.664	ug/l	98
15) Acrylonitrile	5.712	53	80222	96.965	ug/l	99
16) Acetone	4.424	43	66280	104.071	ug/l	94
17) Carbon Disulfide	4.706	76	88708	18.444	ug/l	100
18) Methyl Acetate	5.006	43	39751	18.812	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	107203	20.136	ug/l	100
20) Methylene Chloride	5.271	84	37343	19.215	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	33962	19.806	ug/l	94
22) Diisopropyl ether	6.665	45	111763	20.215	ug/l #	96
23) Vinyl Acetate	6.595	43	386601	101.362	ug/l	97
24) 1,1-Dichloroethane	6.559	63	65611	19.831	ug/l	99
25) 2-Butanone	7.477	43	100830	96.837	ug/l	95
26) 2,2-Dichloropropane	7.477	77	58124	18.814	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	40696	19.687	ug/l	100
28) Bromochloromethane	7.806	49	26035	20.847	ug/l	93
29) Tetrahydrofuran	7.836	42	62925	97.180	ug/l	98
30) Chloroform	7.965	83	67798	19.264	ug/l	98
31) Cyclohexane	8.247	56	55615	19.092	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	62235	19.569	ug/l	97
36) 1,1-Dichloropropene	8.365	75	44858	19.557	ug/l	98
37) Ethyl Acetate	7.553	43	39452	18.920	ug/l	99
38) Carbon Tetrachloride	8.353	117	54308	20.512	ug/l	95
39) Methylcyclohexane	9.600	83	49177	20.632	ug/l	96
40) Benzene	8.600	78	147197	20.290	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	20597	17.840	ug/l	89
42) 1,2-Dichloroethane	8.665	62	50265	20.253	ug/l	100
43) Isopropyl Acetate	8.683	43	73348	16.934	ug/l	98
44) Trichloroethene	9.347	130	34273	20.329	ug/l	97
45) 1,2-Dichloropropane	9.618	63	35583	19.914	ug/l	97
46) Dibromomethane	9.700	93	25116	20.229	ug/l	97
47) Bromodichloromethane	9.883	83	53341	20.271	ug/l	97
48) Methyl methacrylate	9.677	41	31419	19.493	ug/l	99
49) 1,4-Dioxane	9.694	88	11078	396.328	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	200584	101.388	ug/l	99
52) Toluene	10.624	92	90887	21.163	ug/l	98
53) t-1,3-Dichloropropene	10.830	75	52968	20.077	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	57670	20.605	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	35110	21.948	ug/l	96
56) Ethyl methacrylate	10.871	69	48615	20.798	ug/l	99
57) 1,3-Dichloropropane	11.159	76	57999	20.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	104182	90.860	ug/l	98
59) 2-Hexanone	11.194	43	147396	99.617	ug/l	98
60) Dibromochloromethane	11.359	129	40668	20.802	ug/l	97
61) 1,2-Dibromoethane	11.465	107	34369	20.760	ug/l	98
64) Tetrachloroethene	11.100	164	29143	20.076	ug/l	95
65) Chlorobenzene	11.888	112	97468	19.950	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	35100	20.405	ug/l	98
67) Ethyl Benzene	11.959	91	160011	20.187	ug/l	98
68) m/p-Xylenes	12.065	106	125559	41.607	ug/l	96
69) o-Xylene	12.394	106	59648	20.779	ug/l	96
70) Styrene	12.406	104	97582	20.442	ug/l	100
71) Bromoform	12.571	173	26284	20.585	ug/l #	97
73) Isopropylbenzene	12.694	105	145058	19.310	ug/l	98
74) N-ethyl acetate	12.494	43	57878	18.697	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	47334	18.452	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	36230m	18.705	ug/l	
77) Bromobenzene	12.976	156	37445	18.523	ug/l	96
78) n-propylbenzene	13.029	91	172518	19.911	ug/l	100
79) 2-Chlorotoluene	13.124	91	112264	19.409	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	128612	20.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	16850	19.205	ug/l	94
82) 4-Chlorotoluene	13.218	91	115900	19.248	ug/l	100
83) tert-Butylbenzene	13.435	119	105840	19.514	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	132497	20.419	ug/l	100
85) sec-Butylbenzene	13.612	105	146290	19.966	ug/l	98
86) p-Isopropyltoluene	13.723	119	121017	20.009	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	71829	18.014	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	71232	17.505	ug/l	100
89) n-Butylbenzene	14.053	91	104758	18.625	ug/l	97
90) Hexachloroethane	14.329	117	24192	18.350	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	68704	17.981	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	8086	16.301	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	34884	16.805	ug/l	99
94) Hexachlorobutadiene	15.494	225	17506	18.273	ug/l	94
95) Naphthalene	15.641	128	96341	16.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	34117	17.225	ug/l	97

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

