

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083645.D
 Acq On : 04 Sep 2024 13:30
 Operator : JC\MD
 Sample : VN0904WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/05/2024
 Supervised By :Mahesh Dadoda 09/05/2024

Quant Time: Sep 04 13:48:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140691	56.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.060%			
35) Dibromofluoromethane	8.165	113	102032	53.852	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.700%			
50) Toluene-d8	10.565	98	371887	50.338	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.847	95	151115	55.288	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35485	18.830	ug/l	96
3) Chloromethane	2.359	50	37775	17.207	ug/l	99
4) Vinyl Chloride	2.512	62	38686	17.608	ug/l	99
5) Bromomethane	2.901	94	20626	17.859	ug/l	92
6) Chloroethane	3.065	64	26775	18.650	ug/l	99
7) Trichlorofluoromethane	3.465	101	69944	19.332	ug/l	98
8) Diethyl Ether	3.953	74	23758	18.369	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	37057	18.886	ug/l	96
10) Methyl Iodide	4.577	142	48118	18.129	ug/l	92
11) Tert butyl alcohol	5.536	59	35349	91.101	ug/l	97
12) 1,1-Dichloroethene	4.324	96	35731	18.317	ug/l	92
13) Acrolein	4.177	56	35804	97.534	ug/l	96
14) Allyl chloride	5.012	41	62476	17.963	ug/l	96
15) Acrylonitrile	5.718	53	90167	94.227	ug/l	99
16) Acetone	4.436	43	91118	91.815	ug/l	95
17) Carbon Disulfide	4.689	76	87799	15.445	ug/l	98
18) Methyl Acetate	5.018	43	50453	19.116	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	133953	19.359	ug/l	100
20) Methylene Chloride	5.271	84	40155	18.323	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	36701	18.062	ug/l	98
22) Diisopropyl ether	6.671	45	129816	18.929	ug/l	99
23) Vinyl Acetate	6.600	43	476678	93.792	ug/l	100
24) 1,1-Dichloroethane	6.559	63	73034	18.674	ug/l	99
25) 2-Butanone	7.483	43	128778	95.307	ug/l	97
26) 2,2-Dichloropropane	7.483	77	67295	18.482	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	45312	18.688	ug/l	100
28) Bromochloromethane	7.806	49	30816	16.874	ug/l	99
29) Tetrahydrofuran	7.841	42	80673	96.256	ug/l	100
30) Chloroform	7.965	83	77390	18.782	ug/l	96
31) Cyclohexane	8.253	56	68805	17.874	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	73021	19.598	ug/l	99
36) 1,1-Dichloropropene	8.371	75	52842	18.284	ug/l	99
37) Ethyl Acetate	7.559	43	51809	18.013	ug/l	100
38) Carbon Tetrachloride	8.359	117	61833	18.752	ug/l	98
39) Methylcyclohexane	9.594	83	62723	18.087	ug/l	97
40) Benzene	8.606	78	161862	18.207	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28937	17.631	ug/l	97
42) 1,2-Dichloroethane	8.665	62	61705	18.724	ug/l	100
43) Isopropyl Acetate	8.688	43	96069	15.838	ug/l	98
44) Trichloroethene	9.353	130	38220	17.872	ug/l	99
45) 1,2-Dichloropropane	9.618	63	39397	19.023	ug/l	96
46) Dibromomethane	9.706	93	28390	18.582	ug/l	98
47) Bromodichloromethane	9.882	83	60491	18.599	ug/l	99
48) Methyl methacrylate	9.677	41	44618	18.913	ug/l	97
49) 1,4-Dioxane	9.700	88	14810	383.131	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	261921	97.953	ug/l	98
52) Toluene	10.629	92	102164	18.375	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	60781	18.052	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	64219	18.172	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	36854	18.571	ug/l	92
56) Ethyl methacrylate	10.876	69	62817	19.134	ug/l	96
57) 1,3-Dichloropropane	11.159	76	65919	18.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	126764	88.862	ug/l	99
59) 2-Hexanone	11.194	43	194396	96.872	ug/l	98
60) Dibromochloromethane	11.359	129	42764	18.597	ug/l	98
61) 1,2-Dibromoethane	11.465	107	38468	18.973	ug/l	99
64) Tetrachloroethene	11.106	164	32046	18.041	ug/l	95
65) Chlorobenzene	11.888	112	108428	17.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	37948	18.545	ug/l	99
67) Ethyl Benzene	11.965	91	198462	18.345	ug/l	98
68) m/p-Xylenes	12.070	106	143981	35.329	ug/l	97
69) o-Xylene	12.394	106	72576	18.425	ug/l	98
70) Styrene	12.412	104	115626	17.458	ug/l	98
71) Bromoform	12.576	173	27040	18.553	ug/l #	99
73) Isopropylbenzene	12.694	105	187777	16.956	ug/l	99
74) N-amyl acetate	12.494	43	85948	17.881	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	55343	17.604	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	47863m	17.326	ug/l	
77) Bromobenzene	12.982	156	42302	16.282	ug/l	98
78) n-propylbenzene	13.035	91	211608	16.527	ug/l	99
79) 2-Chlorotoluene	13.123	91	135941	16.385	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	159902	17.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18350	15.667	ug/l	91
82) 4-Chlorotoluene	13.217	91	134745	15.987	ug/l	100
83) tert-Butylbenzene	13.435	119	142152	17.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	158427	16.871	ug/l	99
85) sec-Butylbenzene	13.617	105	188103	17.063	ug/l	99
86) p-Isopropyltoluene	13.729	119	155232	16.859	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	78642	15.593	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	79075	15.259	ug/l	99
89) n-Butylbenzene	14.059	91	130600	16.125	ug/l	99
90) Hexachloroethane	14.335	117	28086	15.671	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	80295	16.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11447	16.789	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	39800	14.451	ug/l	97
94) Hexachlorobutadiene	15.500	225	17708	16.055	ug/l	96
95) Naphthalene	15.635	128	140395	15.866	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	39710	14.433	ug/l	98

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

