

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082779.D
 Acq On : 01 Jul 2024 20:43
 Operator : JC\MD
 Sample : VN0701WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/02/2024
 Supervised By : Mahesh Dadoda 07/02/2024

Quant Time: Jul 02 00:14:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	146716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	98669	43.609	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.220%		
35) Dibromofluoromethane	8.171	113	80394	47.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.700%		
50) Toluene-d8	10.565	98	291191	46.344	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.680%		
62) 4-Bromofluorobenzene	12.847	95	104160	48.272	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38294	17.098	ug/l	96
3) Chloromethane	2.365	50	32348	13.799	ug/l	98
4) Vinyl Chloride	2.512	62	36534	14.708	ug/l	100
5) Bromomethane	2.959	94	21105	11.943	ug/l	98
6) Chloroethane	3.118	64	24258	13.846	ug/l	94
7) Trichlorofluoromethane	3.495	101	50700	16.466	ug/l	98
8) Diethyl Ether	3.965	74	19396	20.141	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	32094	18.270	ug/l	98
10) Methyl Iodide	4.589	142	32666	20.281	ug/l	98
11) Tert butyl alcohol	5.530	59	33127	91.662	ug/l	100
12) 1,1-Dichloroethene	4.342	96	30356	18.526	ug/l	80
13) Acrolein	4.177	56	21709	98.742	ug/l	97
14) Allyl chloride	5.018	41	46986	19.085	ug/l	92
15) Acrylonitrile	5.724	53	77887	81.018	ug/l	98
16) Acetone	4.436	43	66932	78.079	ug/l	95
17) Carbon Disulfide	4.712	76	75772	14.119	ug/l	99
18) Methyl Acetate	5.030	43	36183	15.877	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	104904	19.309	ug/l	98
20) Methylene Chloride	5.283	84	33382	15.389	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	30461	17.227	ug/l	83
22) Diisopropyl ether	6.677	45	99958	17.452	ug/l #	96
23) Vinyl Acetate	6.606	43	392338	85.790	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	59284	17.049	ug/l	98
25) 2-Butanone	7.483	43	104714	79.954	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	44319	19.865	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	38009	18.270	ug/l	88
28) Bromochloromethane	7.812	49	23659	15.555	ug/l #	76
29) Tetrahydrofuran	7.841	42	69456	82.244	ug/l #	85
30) Chloroform	7.971	83	63156	17.036	ug/l	99
31) Cyclohexane	8.253	56	49994	15.682	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	57569	17.588	ug/l	95
36) 1,1-Dichloropropene	8.377	75	43763	18.122	ug/l	99
37) Ethyl Acetate	7.565	43	44726	17.136	ug/l	96
38) Carbon Tetrachloride	8.365	117	51984	18.405	ug/l	98
39) Methylcyclohexane	9.606	83	43632	17.402	ug/l	95
40) Benzene	8.606	78	135705	17.130	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22880	17.001	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	48797	17.153	ug/l	96
43) Isopropyl Acetate	8.688	43	101450	22.397	ug/l	98
44) Trichloroethene	9.353	130	34007	18.489	ug/l	97
45) 1,2-Dichloropropane	9.624	63	33232	17.308	ug/l	98
46) Dibromomethane	9.712	93	24159	17.226	ug/l	94
47) Bromodichloromethane	9.888	83	51478	18.014	ug/l	99
48) Methyl methacrylate	9.682	41	35377	17.612	ug/l	87
49) 1,4-Dioxane	9.700	88	14849	370.425	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	227688	85.289	ug/l	93
52) Toluene	10.629	92	86845	18.669	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	50318	18.617	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	53860	18.954	ug/l	87
55) 1,1,2-Trichloroethane	11.018	97	32353	17.936	ug/l	98
56) Ethyl methacrylate	10.877	69	54248	19.996	ug/l	86
57) 1,3-Dichloropropane	11.165	76	57340	18.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	123806	90.583	ug/l	94
59) 2-Hexanone	11.194	43	171860	86.822	ug/l	92
60) Dibromochloromethane	11.359	129	39642	18.121	ug/l	99
61) 1,2-Dibromoethane	11.471	107	34210	18.051	ug/l	100
64) Tetrachloroethene	11.106	164	29587	17.434	ug/l	98
65) Chlorobenzene	11.894	112	95455	18.783	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	33755	19.113	ug/l	98
67) Ethyl Benzene	11.965	91	164244	19.583	ug/l	96
68) m/p-Xylenes	12.071	106	126114	40.413	ug/l	98
69) o-Xylene	12.400	106	62307	20.718	ug/l	95
70) Styrene	12.412	104	101518	19.883	ug/l	99
71) Bromoform	12.576	173	26558	19.229	ug/l #	99
73) Isopropylbenzene	12.694	105	156604	20.954	ug/l	99
74) N-amyl acetate	12.494	43	68111	20.418	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	46086	17.575	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	41036m	18.359	ug/l	
77) Bromobenzene	12.982	156	37541	20.212	ug/l	95
78) n-propylbenzene	13.035	91	173222	19.629	ug/l	98
79) 2-Chlorotoluene	13.129	91	109194	19.744	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	125528	20.446	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	16856	19.666	ug/l	96
82) 4-Chlorotoluene	13.223	91	106734	19.558	ug/l	97
83) tert-Butylbenzene	13.441	119	110261	21.341	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	130788	21.553	ug/l	99
85) sec-Butylbenzene	13.618	105	143982	19.889	ug/l	99
86) p-Isopropyltoluene	13.729	119	121501	20.948	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	66672	18.747	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	66859	18.062	ug/l	98
89) n-Butylbenzene	14.059	91	103181	20.089	ug/l	98
90) Hexachloroethane	14.335	117	24647	19.137	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	65755	19.467	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10135	20.515	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	34920	21.177	ug/l	98
94) Hexachlorobutadiene	15.506	225	13943	18.694	ug/l	98
95) Naphthalene	15.641	128	131539	24.018	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	35490	20.182	ug/l	97

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

