

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083883.D
 Acq On : 14 Sep 2024 12:21
 Operator : JC\MD
 Sample : VN0914WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2024
 Supervised By : Mahesh Dadoda 09/16/2024

Quant Time: Sep 16 01:31:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	109472	48.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.400%		
35) Dibromofluoromethane	8.165	113	80069	46.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.320%		
50) Toluene-d8	10.565	98	286597	48.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.620%		
62) 4-Bromofluorobenzene	12.847	95	104261	42.599	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	85.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31083	17.770	ug/l	93
3) Chloromethane	2.365	50	33129	17.341	ug/l	97
4) Vinyl Chloride	2.518	62	34339	17.911	ug/l	97
5) Bromomethane	2.959	94	21948	19.938	ug/l	93
6) Chloroethane	3.124	64	23111	17.185	ug/l	98
7) Trichlorofluoromethane	3.500	101	57757	17.747	ug/l	99
8) Diethyl Ether	3.959	74	19490	17.866	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	31037	17.993	ug/l	98
10) Methyl Iodide	4.583	142	38789	17.681	ug/l	99
11) Tert butyl alcohol	5.512	59	31687	104.194	ug/l	99
12) 1,1-Dichloroethene	4.336	96	28985	17.793	ug/l	92
13) Acrolein	4.177	56	28573	95.224	ug/l	97
14) Allyl chloride	5.030	41	48068	16.559	ug/l	92
15) Acrylonitrile	5.718	53	77281	93.442	ug/l	98
16) Acetone	4.424	43	79449	87.267	ug/l	99
17) Carbon Disulfide	4.712	76	75187	16.499	ug/l	99
18) Methyl Acetate	5.024	43	38578	19.194	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	105054	17.821	ug/l	99
20) Methylene Chloride	5.277	84	33243	17.843	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	30608	17.532	ug/l	90
22) Diisopropyl ether	6.677	45	110419	18.479	ug/l	99
23) Vinyl Acetate	6.606	43	407877	93.210	ug/l	98
24) 1,1-Dichloroethane	6.577	63	61763	17.941	ug/l	96
25) 2-Butanone	7.482	43	113459	94.818	ug/l	98
26) 2,2-Dichloropropane	7.488	77	55064	17.368	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	36657	17.687	ug/l	96
28) Bromochloromethane	7.818	49	29757	20.526	ug/l	96
29) Tetrahydrofuran	7.841	42	70613	99.801	ug/l	96
30) Chloroform	7.965	83	65821	18.010	ug/l	96
31) Cyclohexane	8.253	56	55176	16.810	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	61312	18.244	ug/l	95
36) 1,1-Dichloropropene	8.371	75	44678	17.298	ug/l	99
37) Ethyl Acetate	7.565	43	44922	19.161	ug/l	97
38) Carbon Tetrachloride	8.365	117	51728	17.654	ug/l	91
39) Methylcyclohexane	9.600	83	47534	16.169	ug/l	92
40) Benzene	8.606	78	135287	17.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	24877	17.941	ug/l	98
42) 1,2-Dichloroethane	8.671	62	53684	18.481	ug/l	98
43) Isopropyl Acetate	8.688	43	78824	18.554	ug/l	100
44) Trichloroethene	9.353	130	31843	17.688	ug/l	81
45) 1,2-Dichloropropane	9.623	63	33097	17.615	ug/l	92
46) Dibromomethane	9.706	93	24091	18.306	ug/l	98
47) Bromodichloromethane	9.888	83	52017	18.263	ug/l	95
48) Methyl methacrylate	9.676	41	37915	18.811	ug/l	98
49) 1,4-Dioxane	9.694	88	13047	393.481	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	229372	99.183	ug/l	97
52) Toluene	10.629	92	84594	17.790	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	51282	17.763	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	52852	17.428	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	32548	18.335	ug/l	96
56) Ethyl methacrylate	10.876	69	50811	18.604	ug/l	94
57) 1,3-Dichloropropane	11.165	76	56481	18.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	107703	109.441	ug/l	97
59) 2-Hexanone	11.194	43	167448	97.883	ug/l	97
60) Dibromochloromethane	11.359	129	36253	18.248	ug/l	100
61) 1,2-Dibromoethane	11.470	107	32921	18.595	ug/l	96
64) Tetrachloroethene	11.106	164	26528	17.268	ug/l	94
65) Chlorobenzene	11.894	112	88798	17.295	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	31475	17.683	ug/l	100
67) Ethyl Benzene	11.964	91	160169	17.561	ug/l	99
68) m/p-Xylenes	12.070	106	119405	35.262	ug/l	99
69) o-Xylene	12.400	106	57260	17.467	ug/l	99
70) Styrene	12.412	104	94968	17.652	ug/l	96
71) Bromoform	12.582	173	23097	19.256	ug/l #	99
73) Isopropylbenzene	12.694	105	148254	18.055	ug/l	100
74) N-amyl acetate	12.494	43	67374	19.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	45435	18.832	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	38842m	18.137	ug/l	
77) Bromobenzene	12.976	156	34980	17.697	ug/l	99
78) n-propylbenzene	13.035	91	176674	18.492	ug/l	99
79) 2-Chlorotoluene	13.123	91	110843	18.192	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	125661	18.151	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14150	17.304	ug/l #	82
82) 4-Chlorotoluene	13.223	91	110520	18.075	ug/l	97
83) tert-Butylbenzene	13.435	119	107801	17.798	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	125107	17.990	ug/l	99
85) sec-Butylbenzene	13.617	105	146949	18.294	ug/l	100
86) p-Isopropyltoluene	13.729	119	119830	17.796	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	64143	17.195	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	64360	17.039	ug/l	99
89) n-Butylbenzene	14.053	91	105407	17.435	ug/l	98
90) Hexachloroethane	14.335	117	23427	17.307	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	62329	17.313	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9379	19.501	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	30209	15.637	ug/l	99
94) Hexachlorobutadiene	15.500	225	14075	17.156	ug/l	97
95) Naphthalene	15.641	128	97974	16.669	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	29761	16.119	ug/l	100

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

