

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030524\
 Data File : VN081308.D
 Acq On : 05 Mar 2024 13:36
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 06 02:56:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 01:47:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/06/2024
 Supervised By : Mahesh Dadoda 03/06/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	322268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	596644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	533278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	22516	4.832	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.660%#		
35) Dibromofluoromethane	8.165	113	17187	4.702	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.400%#		
50) Toluene-d8	10.571	98	63260	4.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.260%#		
62) 4-Bromofluorobenzene	12.853	95	21441	4.439	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	8.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	19679	4.607	ug/l	99
3) Chloromethane	2.359	50	22864	4.955	ug/l	95
4) Vinyl Chloride	2.518	62	23583	4.899	ug/l	93
5) Bromomethane	2.948	94	18962	5.898	ug/l	99
6) Chloroethane	3.112	64	18744	5.669	ug/l #	88
7) Trichlorofluoromethane	3.495	101	36048	5.062	ug/l	88
8) Diethyl Ether	3.965	74	12598	5.021	ug/l #	45
9) 1,1,2-Trichlorotrifluo...	4.371	101	20537	5.064	ug/l	91
10) Methyl Iodide	4.594	142	17561	4.732	ug/l #	90
11) Tert butyl alcohol	5.512	59	23340	28.646	ug/l	99
12) 1,1-Dichloroethene	4.330	96	19345	5.151	ug/l #	77
13) Acrolein	4.171	56	25879	26.823	ug/l	95
14) Allyl chloride	5.024	41	27842	4.995	ug/l	93
15) Acrylonitrile	5.718	53	55076	25.875	ug/l	98
16) Acetone	4.430	43	42649	25.833	ug/l	93
17) Carbon Disulfide	4.712	76	54493	5.084	ug/l	97
18) Methyl Acetate	5.024	43	22875	4.839	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	63140	4.957	ug/l	96
20) Methylene Chloride	5.283	84	22314	4.736	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	21423	5.059	ug/l	86
22) Diisopropyl ether	6.677	45	62918	5.082	ug/l #	88
23) Vinyl Acetate	6.606	43	249743	24.833	ug/l #	91
24) 1,1-Dichloroethane	6.559	63	38454m	5.074	ug/l	
25) 2-Butanone	7.483	43	69013	24.961	ug/l	98
26) 2,2-Dichloropropane	7.494	77	30818	4.601	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	25583	5.329	ug/l	81
28) Bromochloromethane	7.818	49	19111	5.894	ug/l #	75
29) Tetrahydrofuran	7.841	42	47567	25.230	ug/l #	84
30) Chloroform	7.965	83	40107	5.100	ug/l	99
31) Cyclohexane	8.259	56	40760	5.778	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	34986	5.033	ug/l #	74
36) 1,1-Dichloropropene	8.371	75	28329	4.804	ug/l	98
37) Ethyl Acetate	7.559	43	25384	4.403	ug/l #	95
38) Carbon Tetrachloride	8.365	117	28754	4.845	ug/l	96
39) Methylcyclohexane	9.600	83	31993	4.714	ug/l #	84
40) Benzene	8.606	78	88769	5.043	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	17234	5.294	ug/l	96
42) 1,2-Dichloroethane	8.671	62	30917	4.981	ug/l	94
43) Isopropyl Acetate	8.694	43	50967	5.051	ug/l	98
44) Trichloroethene	9.353	130	20476	4.612	ug/l	100
45) 1,2-Dichloropropane	9.624	63	23032	5.209	ug/l	97
46) Dibromomethane	9.706	93	15233	4.887	ug/l #	88
47) Bromodichloromethane	9.888	83	28885	4.774	ug/l #	96
48) Methyl methacrylate	9.682	41	22473	5.039	ug/l	95
49) 1,4-Dioxane	9.700	88	10534	107.156	ug/l	86
51) 4-Methyl-2-Pentanone	10.447	43	149551	25.526	ug/l	98
52) Toluene	10.635	92	52870	4.972	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	30644	4.681	ug/l #	81
54) cis-1,3-Dichloropropene	10.312	75	34686	4.908	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	22807	5.409	ug/l #	82
56) Ethyl methacrylate	10.876	69	28610	4.725	ug/l	89
57) 1,3-Dichloropropane	11.165	76	37018	5.030	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	80833	24.818	ug/l	93
59) 2-Hexanone	11.200	43	108307	24.728	ug/l	98
60) Dibromochloromethane	11.359	129	20740	4.776	ug/l	94
61) 1,2-Dibromoethane	11.476	107	21764	4.974	ug/l	96
64) Tetrachloroethene	11.112	164	20779	4.976	ug/l #	85
65) Chlorobenzene	11.894	112	55617	4.949	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.959	131	20548	4.997	ug/l	96
67) Ethyl Benzene	11.965	91	98479	4.865	ug/l	92
68) m/p-Xylenes	12.070	106	71907	9.439	ug/l	100
69) o-Xylene	12.400	106	35005	4.741	ug/l	97
70) Styrene	12.417	104	54080	4.622	ug/l	97
71) Bromoform	12.576	173	13560	4.750	ug/l #	99
73) Isopropylbenzene	12.700	105	89749	4.828	ug/l	93
74) N-amyl acetate	12.494	43	38169	4.894	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	27891	4.862	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	28218m	5.061	ug/l	
77) Bromobenzene	12.982	156	21346	4.843	ug/l	82
78) n-propylbenzene	13.041	91	106134	4.827	ug/l	97
79) 2-Chlorotoluene	13.129	91	67567	5.027	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	72188	4.698	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.735	75	9155	4.699	ug/l #	73
82) 4-Chlorotoluene	13.223	91	66298	4.994	ug/l	99
83) tert-Butylbenzene	13.441	119	61467	4.666	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	77985	5.009	ug/l	99
85) sec-Butylbenzene	13.617	105	90220	4.734	ug/l	97
86) p-Isopropyltoluene	13.729	119	73059	4.780	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	41038	4.931	ug/l	92
88) 1,4-Dichlorobenzene	13.812	146	40960	4.924	ug/l	95
89) n-Butylbenzene	14.059	91	64465	4.599	ug/l	97
90) Hexachloroethane	14.335	117	11615	4.341	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	40568	5.081	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5492	4.474	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.394	180	19161	4.489	ug/l	97
94) Hexachlorobutadiene	15.500	225	7649	4.337	ug/l	91
95) Naphthalene	15.641	128	68817	4.531	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	18933	4.374	ug/l	91

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

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