

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081584.D
 Acq On : 27 Mar 2024 14:45
 Operator : JC\MD
 Sample : VN0327WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2024
 Supervised By : Mahesh Dadoda 03/28/2024

Quant Time: Mar 28 01:27:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	323843	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	571123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	530395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	229236	55.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.020%			
35) Dibromofluoromethane	8.165	113	205346	56.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.940%			
50) Toluene-d8	10.571	98	691635	53.083	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.847	95	249506	54.346	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	71857	16.479	ug/l	95
3) Chloromethane	2.359	50	75578	17.408	ug/l	92
4) Vinyl Chloride	2.518	62	88366	18.136	ug/l	97
5) Bromomethane	2.965	94	68376	19.843	ug/l	94
6) Chloroethane	3.124	64	63265	18.911	ug/l	89
7) Trichlorofluoromethane	3.500	101	138981	19.139	ug/l	95
8) Diethyl Ether	3.965	74	48522	20.191	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	79120	19.176	ug/l #	89
10) Methyl Iodide	4.589	142	77073	18.758	ug/l	98
11) Tert butyl alcohol	5.506	59	70563	98.045	ug/l	98
12) 1,1-Dichloroethene	4.348	96	67478	17.656	ug/l	84
13) Acrolein	4.177	56	65212	100.978	ug/l	95
14) Allyl chloride	5.018	41	87806	18.335	ug/l #	85
15) Acrylonitrile	5.718	53	184283	95.712	ug/l	97
16) Acetone	4.424	43	127302	95.381	ug/l	99
17) Carbon Disulfide	4.712	76	180056	16.417	ug/l	100
18) Methyl Acetate	5.024	43	87438	21.250	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	244343	20.428	ug/l	98
20) Methylene Chloride	5.271	84	86694	19.830	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	79762	18.718	ug/l	91
22) Diisopropyl ether	6.665	45	230943	20.754	ug/l #	91
23) Vinyl Acetate	6.600	43	838721	94.693	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	149757	20.094	ug/l	98
25) 2-Butanone	7.483	43	215972	94.342	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	125552	19.423	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	93629	19.419	ug/l	84
28) Bromochloromethane	7.818	49	66718	21.978	ug/l #	52
29) Tetrahydrofuran	7.835	42	144304	93.571	ug/l #	78
30) Chloroform	7.965	83	164947	20.674	ug/l	96
31) Cyclohexane	8.259	56	119042	17.714	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	143124	19.772	ug/l	95
36) 1,1-Dichloropropene	8.371	75	109957	18.128	ug/l	97
37) Ethyl Acetate	7.559	43	89513	17.234	ug/l #	92
38) Carbon Tetrachloride	8.365	117	123627	18.605	ug/l	98
39) Methylcyclohexane	9.600	83	119561	17.650	ug/l	86
40) Benzene	8.606	78	342476	19.312	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	49111	17.879	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	121815	19.519	ug/l	98
43) Isopropyl Acetate	8.688	43	152250	17.684	ug/l #	88
44) Trichloroethene	9.353	130	93240	18.694	ug/l	90
45) 1,2-Dichloropropane	9.624	63	85962	20.001	ug/l	98
46) Dibromomethane	9.706	93	65385	20.033	ug/l #	90
47) Bromodichloromethane	9.888	83	128884	20.197	ug/l #	94
48) Methyl methacrylate	9.682	41	71922	18.111	ug/l #	85
49) 1,4-Dioxane	9.694	88	36925	386.920	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	482598	91.860	ug/l	90
52) Toluene	10.629	92	217089	19.260	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	132021	19.159	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	143687	19.449	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	91052	20.073	ug/l	93
56) Ethyl methacrylate	10.876	69	116061	18.718	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	152753	20.542	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	272891	95.610	ug/l #	84
59) 2-Hexanone	11.194	43	355941	91.638	ug/l	92
60) Dibromochloromethane	11.359	129	98022	19.649	ug/l	98
61) 1,2-Dibromoethane	11.471	107	93379	20.192	ug/l	99
64) Tetrachloroethene	11.106	164	93357	18.414	ug/l #	80
65) Chlorobenzene	11.894	112	235045	18.746	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	89568	19.274	ug/l	96
67) Ethyl Benzene	11.965	91	407237	18.697	ug/l	99
68) m/p-Xylenes	12.076	106	312266	38.244	ug/l	95
69) o-Xylene	12.400	106	150128	18.729	ug/l	94
70) Styrene	12.412	104	251546	19.457	ug/l	95
71) Bromoform	12.582	173	64974	18.606	ug/l #	97
73) Isopropylbenzene	12.694	105	395517	19.040	ug/l	97
74) N-amyl acetate	12.494	43	133369	17.741	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	116052	19.001	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	107101m	18.373	ug/l	
77) Bromobenzene	12.982	156	94747	18.464	ug/l	71
78) n-propylbenzene	13.035	91	468726	19.107	ug/l	97
79) 2-Chlorotoluene	13.129	91	282938	19.270	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	336121	19.590	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	38605	17.896	ug/l	85
82) 4-Chlorotoluene	13.223	91	277240	19.152	ug/l	89
83) tert-Butylbenzene	13.441	119	277819	18.777	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	337689	19.582	ug/l	97
85) sec-Butylbenzene	13.617	105	404202	19.111	ug/l	94
86) p-Isopropyltoluene	13.729	119	337282	19.508	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	183679	19.482	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	183386	18.785	ug/l	96
89) n-Butylbenzene	14.059	91	274453	17.902	ug/l	96
90) Hexachloroethane	14.335	117	62955	19.227	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	177289	19.537	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23748	18.270	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	94534	18.017	ug/l	98
94) Hexachlorobutadiene	15.500	225	38736	16.826	ug/l	97
95) Naphthalene	15.641	128	299230	17.600	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	95156	18.030	ug/l	98

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

