

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081873.D
 Acq On : 26 Apr 2024 13:21
 Operator : JC\MD
 Sample : VN0426WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0426WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Mahesh Dadoda 04/29/2024

Quant Time: Apr 26 22:58:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	222810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	402747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	351025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	181795	48.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.680%		
35) Dibromofluoromethane	8.171	113	129136	53.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.500%		
50) Toluene-d8	10.564	98	527565	55.396	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	110.800%		
62) 4-Bromofluorobenzene	12.853	95	190911	50.711	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	101.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	59522	19.031	ug/l	98
3) Chloromethane	2.359	50	61194	18.754	ug/l	96
4) Vinyl Chloride	2.518	62	58827	19.917	ug/l	99
5) Bromomethane	2.965	94	28546	19.601	ug/l	93
6) Chloroethane	3.118	64	30749	20.598	ug/l #	87
7) Trichlorofluoromethane	3.500	101	85753	18.768	ug/l	96
8) Diethyl Ether	3.965	74	41324	21.291	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	54768	20.647	ug/l	96
10) Methyl Iodide	4.582	142	48148	20.723	ug/l #	92
11) Tert butyl alcohol	5.512	59	66083	96.667	ug/l	98
12) 1,1-Dichloroethene	4.341	96	53492	19.822	ug/l	89
13) Acrolein	4.183	56	57555	103.639	ug/l	97
14) Allyl chloride	5.024	41	100995	17.693	ug/l #	87
15) Acrylonitrile	5.718	53	160973	98.063	ug/l	96
16) Acetone	4.424	43	118656	103.501	ug/l	96
17) Carbon Disulfide	4.712	76	144012	17.755	ug/l	98
18) Methyl Acetate	5.030	43	73396	19.270	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	201951	19.832	ug/l	97
20) Methylene Chloride	5.282	84	63330	19.651	ug/l	87
21) trans-1,2-Dichloroethene	5.782	96	56280	19.127	ug/l	86
22) Diisopropyl ether	6.671	45	213827	19.358	ug/l #	94
23) Vinyl Acetate	6.600	43	898962	100.164	ug/l	94
24) 1,1-Dichloroethane	6.565	63	113265	19.701	ug/l	99
25) 2-Butanone	7.482	43	210445	98.600	ug/l	92
26) 2,2-Dichloropropane	7.488	77	100691	19.039	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	70235	20.427	ug/l	90
28) Bromochloromethane	7.812	49	58955	21.576	ug/l #	77
29) Tetrahydrofuran	7.841	42	137226	89.658	ug/l	91
30) Chloroform	7.965	83	110884	19.458	ug/l	95
31) Cyclohexane	8.259	56	104786	18.497	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	92134	18.129	ug/l	93
36) 1,1-Dichloropropene	8.370	75	80087	20.301	ug/l	98
37) Ethyl Acetate	7.559	43	83009	19.461	ug/l	98
38) Carbon Tetrachloride	8.359	117	73951	19.180	ug/l	98
39) Methylcyclohexane	9.600	83	100863	21.052	ug/l #	88
40) Benzene	8.606	78	247662	20.913	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	51103	18.777	ug/l	89
42) 1,2-Dichloroethane	8.670	62	88014	20.014	ug/l	98
43) Isopropyl Acetate	8.688	43	162803	20.299	ug/l	94
44) Trichloroethene	9.353	130	54150	19.832	ug/l	98
45) 1,2-Dichloropropane	9.617	63	65994	21.293	ug/l	97
46) Dibromomethane	9.712	93	41932	19.574	ug/l	94
47) Bromodichloromethane	9.888	83	90069	19.937	ug/l	92
48) Methyl methacrylate	9.682	41	73996	19.327	ug/l	88
49) 1,4-Dioxane	9.688	88	25023	430.006	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	461258	102.164	ug/l	94
52) Toluene	10.629	92	151458	21.356	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	98220	19.981	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	105692	20.861	ug/l #	88
55) 1,1,2-Trichloroethane	11.017	97	55621	19.942	ug/l	96
56) Ethyl methacrylate	10.870	69	106448	20.043	ug/l #	80
57) 1,3-Dichloropropane	11.159	76	107447	21.668	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	237680	98.236	ug/l	93
59) 2-Hexanone	11.194	43	347527	103.432	ug/l	95
60) Dibromochloromethane	11.359	129	61828	20.929	ug/l	100
61) 1,2-Dibromoethane	11.470	107	57146	21.425	ug/l	98
64) Tetrachloroethene	11.106	164	53767	21.089	ug/l	95
65) Chlorobenzene	11.894	112	157958	20.606	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.958	131	53124	21.324	ug/l	95
67) Ethyl Benzene	11.964	91	291143	20.422	ug/l	98
68) m/p-Xylenes	12.070	106	213489	41.984	ug/l	93
69) o-Xylene	12.400	106	105361	21.223	ug/l	92
70) Styrene	12.411	104	180887	21.062	ug/l	96
71) Bromoform	12.582	173	37934	19.368	ug/l #	100
73) Isopropylbenzene	12.700	105	273331	20.925	ug/l	98
74) N-amyl acetate	12.494	43	146014	20.078	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	75740	19.309	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	71453m	18.758	ug/l	
77) Bromobenzene	12.982	156	58367	21.353	ug/l	73
78) n-propylbenzene	13.035	91	321092	20.237	ug/l	97
79) 2-Chlorotoluene	13.129	91	196820	19.497	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	223807	20.248	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	36947	19.875	ug/l	93
82) 4-Chlorotoluene	13.223	91	194474	19.843	ug/l	92
83) tert-Butylbenzene	13.441	119	187995	20.423	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	225890	20.464	ug/l	95
85) sec-Butylbenzene	13.617	105	267597	20.638	ug/l	97
86) p-Isopropyltoluene	13.729	119	216231	20.769	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	108696	21.312	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	106394	21.184	ug/l	93
89) n-Butylbenzene	14.058	91	198729	20.507	ug/l	98
90) Hexachloroethane	14.335	117	41170	20.102	ug/l	93
91) 1,2-Dichlorobenzene	14.105	146	103409	21.150	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17486	18.310	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	55794	20.397	ug/l	98
94) Hexachlorobutadiene	15.505	225	21572	21.396	ug/l	97
95) Naphthalene	15.641	128	207400	20.066	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	57686	21.965	ug/l	96

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

