

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081553.D
 Acq On : 25 Mar 2024 11:34
 Operator : JC\MD
 Sample : VN0325WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 01:16:05 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	413363	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	701000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	619097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	293170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	261237	49.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.120%		
35) Dibromofluoromethane	8.165	113	231585	52.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.700%		
50) Toluene-d8	10.565	98	825437	51.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.220%		
62) 4-Bromofluorobenzene	12.847	95	283367	50.286	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	100.580%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	94213	16.927	ug/l	99
3) Chloromethane	2.359	50	92172	16.633	ug/l	94
4) Vinyl Chloride	2.518	62	104175	16.750	ug/l	99
5) Bromomethane	2.965	94	75609	17.190	ug/l	97
6) Chloroethane	3.130	64	68200	15.971	ug/l	99
7) Trichlorofluoromethane	3.506	101	165958	17.905	ug/l	98
8) Diethyl Ether	3.959	74	54503	17.768	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	94754	17.991	ug/l #	88
10) Methyl Iodide	4.589	142	91467	17.440	ug/l #	92
11) Tert butyl alcohol	5.500	59	73995	80.548	ug/l	97
12) 1,1-Dichloroethene	4.342	96	84926	17.409	ug/l	89
13) Acrolein	4.183	56	87736	106.434	ug/l	99
14) Allyl chloride	5.024	41	104146	17.037	ug/l #	83
15) Acrylonitrile	5.712	53	199901	81.339	ug/l	96
16) Acetone	4.424	43	132360	77.694	ug/l	98
17) Carbon Disulfide	4.712	76	220248	15.733	ug/l #	95
18) Methyl Acetate	5.018	43	94200	17.935	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	278611	18.249	ug/l	95
20) Methylene Chloride	5.277	84	99502	17.830	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	91899	16.895	ug/l	96
22) Diisopropyl ether	6.671	45	265010	18.658	ug/l #	88
23) Vinyl Acetate	6.600	43	1001284	88.565	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	171724	18.051	ug/l	95
25) 2-Butanone	7.477	43	233032	79.749	ug/l #	87
26) 2,2-Dichloropropane	7.483	77	156725	18.994	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	112883	18.342	ug/l	87
28) Bromochloromethane	7.812	49	68324	17.633	ug/l #	55
29) Tetrahydrofuran	7.835	42	156829	79.670	ug/l #	78
30) Chloroform	7.965	83	186080	18.272	ug/l	98
31) Cyclohexane	8.259	56	146932	17.129	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	169103	18.302	ug/l #	89
36) 1,1-Dichloropropene	8.371	75	133665	17.953	ug/l	93
37) Ethyl Acetate	7.553	43	103904	16.298	ug/l	99
38) Carbon Tetrachloride	8.359	117	148931	18.261	ug/l	98
39) Methylcyclohexane	9.594	83	155431	18.695	ug/l #	86
40) Benzene	8.606	78	404477	18.583	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	55345	16.416	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	139976	18.274	ug/l	98
43) Isopropyl Acetate	8.688	43	175644	16.621	ug/l #	91
44) Trichloroethene	9.347	130	109756	17.929	ug/l	91
45) 1,2-Dichloropropane	9.618	63	100879	19.123	ug/l	97
46) Dibromomethane	9.706	93	71111	17.751	ug/l #	88
47) Bromodichloromethane	9.888	83	145268	18.547	ug/l #	93
48) Methyl methacrylate	9.682	41	83475	17.126	ug/l #	83
49) 1,4-Dioxane	9.694	88	34176	291.766	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	529285	82.081	ug/l	91
52) Toluene	10.629	92	251921	18.210	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	153116	18.104	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	166733	18.387	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	100693	18.086	ug/l	95
56) Ethyl methacrylate	10.876	69	132503	17.495	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	168443	18.455	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	352679	100.671	ug/l #	84
59) 2-Hexanone	11.194	43	380506	79.813	ug/l	89
60) Dibromochloromethane	11.359	129	110333	18.019	ug/l	96
61) 1,2-Dibromoethane	11.471	107	99581	17.543	ug/l	95
64) Tetrachloroethene	11.106	164	114622	19.369	ug/l	87
65) Chlorobenzene	11.894	112	276391	18.885	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	102015	18.807	ug/l	96
67) Ethyl Benzene	11.965	91	482638	18.984	ug/l	93
68) m/p-Xylenes	12.070	106	375681	39.418	ug/l	93
69) o-Xylene	12.394	106	180740	19.317	ug/l	91
70) Styrene	12.412	104	291368	19.308	ug/l	96
71) Bromoform	12.576	173	73154	17.947	ug/l #	99
73) Isopropylbenzene	12.694	105	471281	18.859	ug/l	97
74) N-amyl acetate	12.494	43	148205	16.388	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	122879	16.724	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	111016m	15.831	ug/l	
77) Bromobenzene	12.976	156	111056	17.990	ug/l	68
78) n-propylbenzene	13.035	91	548450	18.584	ug/l	96
79) 2-Chlorotoluene	13.123	91	326000	18.456	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	393800	19.079	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	48569	18.716	ug/l	97
82) 4-Chlorotoluene	13.223	91	323304	18.565	ug/l	92
83) tert-Butylbenzene	13.441	119	338324	19.008	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	399441	19.255	ug/l	96
85) sec-Butylbenzene	13.617	105	478006	18.786	ug/l	94
86) p-Isopropyltoluene	13.729	119	401596	19.308	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	206631	18.218	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	209170	17.810	ug/l	97
89) n-Butylbenzene	14.053	91	334072	18.113	ug/l	97
90) Hexachloroethane	14.335	117	71975	18.272	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	201072	18.419	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25256	16.152	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	111681	17.693	ug/l	98
94) Hexachlorobutadiene	15.500	225	47901	17.296	ug/l	95
95) Naphthalene	15.641	128	335304	16.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	112722	17.754	ug/l	97

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

