

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083276.D
 Acq On : 14 Aug 2024 04:10
 Operator : JC\MD
 Sample : VN0813WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2024
 Supervised By : Mahesh Dadoda 08/14/2024

Quant Time: Aug 14 04:46:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 03:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	133576	57.246	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.500%			
35) Dibromofluoromethane	8.165	113	97126	54.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.220%			
50) Toluene-d8	10.570	98	362852	54.187	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.380%			
62) 4-Bromofluorobenzene	12.847	95	137472	52.660	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34089	18.337	ug/l	97
3) Chloromethane	2.365	50	35501	18.653	ug/l	100
4) Vinyl Chloride	2.518	62	38096	19.617	ug/l	97
5) Bromomethane	2.953	94	22880	18.987	ug/l	97
6) Chloroethane	3.118	64	24855	20.457	ug/l	99
7) Trichlorofluoromethane	3.494	101	64893	20.227	ug/l	98
8) Diethyl Ether	3.959	74	22857	19.146	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	35250	19.929	ug/l	99
10) Methyl Iodide	4.589	142	38802	16.677	ug/l	92
11) Tert butyl alcohol	5.518	59	43702	90.122	ug/l	98
12) 1,1-Dichloroethene	4.341	96	34107	18.769	ug/l	89
13) Acrolein	4.183	56	22430	70.972	ug/l	97
14) Allyl chloride	5.030	41	53739	15.649	ug/l	94
15) Acrylonitrile	5.718	53	96132	96.392	ug/l	98
16) Acetone	4.430	43	82780	90.664	ug/l	99
17) Carbon Disulfide	4.712	76	86537	16.275	ug/l	100
18) Methyl Acetate	5.024	43	55252	20.311	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	127570	19.449	ug/l	95
20) Methylene Chloride	5.277	84	40117	19.091	ug/l #	81
21) trans-1,2-Dichloroethene	5.788	96	35083	18.679	ug/l	86
22) Diisopropyl ether	6.671	45	129944	20.131	ug/l	95
23) Vinyl Acetate	6.606	43	632863	95.651	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	71229	20.244	ug/l	99
25) 2-Butanone	7.482	43	131638	93.897	ug/l	95
26) 2,2-Dichloropropane	7.494	77	43342	13.264	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	43758	19.307	ug/l	90
28) Bromochloromethane	7.812	49	26160	18.193	ug/l	90
29) Tetrahydrofuran	7.841	42	87153	96.167	ug/l	89
30) Chloroform	7.971	83	75140	20.556	ug/l	98
31) Cyclohexane	8.253	56	62468	18.065	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	69276	20.022	ug/l	96
36) 1,1-Dichloropropene	8.371	75	50932	18.756	ug/l	99
37) Ethyl Acetate	7.559	43	53362	17.551	ug/l	95
38) Carbon Tetrachloride	8.365	117	60557	19.799	ug/l	99
39) Methylcyclohexane	9.600	83	58313	17.483	ug/l	92
40) Benzene	8.606	78	158212	19.557	ug/l	99

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41) Methacrylonitrile	7.777	41	30123	17.425	ug/l	94
42) 1,2-Dichloroethane	8.671	62	60727	20.607	ug/l	98
43) Isopropyl Acetate	8.688	43	104783	18.450	ug/l	97
44) Trichloroethene	9.353	130	37538	19.495	ug/l	100
45) 1,2-Dichloropropane	9.623	63	39295	20.464	ug/l	95
46) Dibromomethane	9.712	93	27427	19.955	ug/l	99
47) Bromodichloromethane	9.888	83	60383	19.566	ug/l	97
48) Methyl methacrylate	9.682	41	43935	17.478	ug/l #	90
49) 1,4-Dioxane	9.694	88	16735	369.020	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	279412	97.180	ug/l	94
52) Toluene	10.629	92	98181	19.209	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	57201	18.044	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	60905	18.063	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	37469	20.455	ug/l	98
56) Ethyl methacrylate	10.876	69	65633	19.007	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	64276	19.687	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	138157	94.650	ug/l	96
59) 2-Hexanone	11.194	43	207806	93.423	ug/l	93
60) Dibromochloromethane	11.359	129	44526	20.105	ug/l	97
61) 1,2-Dibromoethane	11.470	107	37905	19.699	ug/l	100
64) Tetrachloroethene	11.106	164	32561	20.073	ug/l	97
65) Chlorobenzene	11.888	112	106146	19.611	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	38528	20.183	ug/l	97
67) Ethyl Benzene	11.965	91	194254	19.563	ug/l	99
68) m/p-Xylenes	12.070	106	144204	38.770	ug/l	97
69) o-Xylene	12.400	106	72430	19.744	ug/l	99
70) Styrene	12.412	104	119958	19.470	ug/l	98
71) Bromoform	12.576	173	27583	19.073	ug/l #	98
73) Isopropylbenzene	12.694	105	183586	19.160	ug/l	99
74) N-amyl acetate	12.494	43	83867	17.895	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	53757	19.837	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	47050m	18.714	ug/l	
77) Bromobenzene	12.982	156	41635	19.561	ug/l	96
78) n-propylbenzene	13.035	91	211685	19.187	ug/l	100
79) 2-Chlorotoluene	13.123	91	137489	19.656	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	154286	19.233	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16220	14.033	ug/l	98
82) 4-Chlorotoluene	13.223	91	134043	19.104	ug/l	96
83) tert-Butylbenzene	13.441	119	137808	19.399	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	154805	19.149	ug/l	100
85) sec-Butylbenzene	13.617	105	183957	18.978	ug/l	100
86) p-Isopropyltoluene	13.729	119	154726	19.332	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	75232	18.784	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	76298	18.897	ug/l	96
89) n-Butylbenzene	14.053	91	128512	18.531	ug/l	100
90) Hexachloroethane	14.335	117	28062	18.148	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	75067	19.369	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12122	18.433	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	39783	18.323	ug/l	98
94) Hexachlorobutadiene	15.500	225	16158	16.733	ug/l	99
95) Naphthalene	15.641	128	139064	18.081	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38544	17.941	ug/l	98

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

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