

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083568.D
 Acq On : 30 Aug 2024 10:29
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 00:35:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	187490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	10512	4.012	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	8.020%#		
35) Dibromofluoromethane	8.165	113	9295	4.668	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.340%#		
50) Toluene-d8	10.565	98	25911	4.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	8.800%#		
62) 4-Bromofluorobenzene	12.847	95	13373	4.656	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	9108	4.590	ug/l	99
3) Chloromethane	2.359	50	11103	4.803	ug/l	91
4) Vinyl Chloride	2.518	62	11322	4.894	ug/l	98
5) Bromomethane	2.900	94	6349	5.221	ug/l	97
6) Chloroethane	3.065	64	7871	5.207	ug/l	98
7) Trichlorofluoromethane	3.465	101	17895	4.697	ug/l	95
8) Diethyl Ether	3.953	74	6600	4.846	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	10162	4.919	ug/l #	86
10) Methyl Iodide	4.571	142	12311	4.405	ug/l	98
11) Tert butyl alcohol	5.536	59	10006	24.491	ug/l	94
12) 1,1-Dichloroethene	4.324	96	9654	4.700	ug/l	86
13) Acrolein	4.177	56	11152	28.852	ug/l	95
14) Allyl chloride	5.018	41	17805	4.862	ug/l	97
15) Acrylonitrile	5.718	53	24268	24.086	ug/l	98
16) Acetone	4.430	43	23279	22.278	ug/l	97
17) Carbon Disulfide	4.700	76	27533	4.600	ug/l	97
18) Methyl Acetate	5.024	43	15013	5.400	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	34865	4.785	ug/l	100
20) Methylene Chloride	5.265	84	11562	5.011	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	9864	4.610	ug/l	93
22) Diisopropyl ether	6.671	45	33822	4.684	ug/l	94
23) Vinyl Acetate	6.600	43	125491	23.450	ug/l	100
24) 1,1-Dichloroethane	6.559	63	19861	4.823	ug/l	98
25) 2-Butanone	7.477	43	34404	24.182	ug/l	97
26) 2,2-Dichloropropane	7.483	77	17555	4.579	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	12538	4.911	ug/l	99
28) Bromochloromethane	7.812	49	10261	5.336	ug/l #	96
29) Tetrahydrofuran	7.841	42	21629	24.509	ug/l	100
30) Chloroform	7.965	83	20775	4.788	ug/l	95
31) Cyclohexane	8.253	56	21891	5.401	ug/l	92
32) 1,1,1-Trichloroethane	8.159	97	18496	4.715	ug/l #	86
36) 1,1-Dichloropropene	8.371	75	15179	4.998	ug/l	96
37) Ethyl Acetate	7.559	43	14432	4.775	ug/l #	86
38) Carbon Tetrachloride	8.359	117	16156	4.663	ug/l	95
39) Methylcyclohexane	9.600	83	15892	4.361	ug/l	98
40) Benzene	8.606	78	45095	4.827	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	8220	4.766	ug/l	95
42) 1,2-Dichloroethane	8.671	62	16446	4.749	ug/l	99
43) Isopropyl Acetate	8.688	43	36699m	4.996	ug/l	
44) Trichloroethene	9.347	130	11066	4.924	ug/l	95
45) 1,2-Dichloropropane	9.624	63	10078	4.631	ug/l #	86
46) Dibromomethane	9.706	93	7665	4.774	ug/l	99
47) Bromodichloromethane	9.882	83	16062	4.700	ug/l #	97
48) Methyl methacrylate	9.682	41	11790	4.756	ug/l	99
49) 1,4-Dioxane	9.700	88	4125	101.547	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	68057	24.220	ug/l	98
52) Toluene	10.629	92	27218	4.658	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	16213	4.582	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	17222	4.637	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	10037	4.813	ug/l	99
56) Ethyl methacrylate	10.871	69	16107	4.669	ug/l	99
57) 1,3-Dichloropropane	11.165	76	17190	4.656	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	37637	25.107	ug/l	98
59) 2-Hexanone	11.194	43	51092	24.228	ug/l	97
60) Dibromochloromethane	11.359	129	11126	4.604	ug/l	99
61) 1,2-Dibromoethane	11.471	107	10068	4.725	ug/l	98
64) Tetrachloroethene	11.100	164	8560	4.805	ug/l	96
65) Chlorobenzene	11.894	112	28591	4.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	9995	4.871	ug/l	98
67) Ethyl Benzene	11.965	91	51822	4.777	ug/l	99
68) m/p-Xylenes	12.070	106	37830	9.256	ug/l	99
69) o-Xylene	12.394	106	18409	4.660	ug/l	100
70) Styrene	12.412	104	30319	4.565	ug/l	99
71) Bromoform	12.582	173	6819	4.666	ug/l #	93
73) Isopropylbenzene	12.694	105	46994	4.746	ug/l	98
74) N-amyl acetate	12.494	43	21896	5.095	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	14104	5.018	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	14383m	5.555	ug/l	
77) Bromobenzene	12.976	156	11654	5.017	ug/l	94
78) n-propylbenzene	13.035	91	52373	4.575	ug/l	99
79) 2-Chlorotoluene	13.123	91	36368	4.903	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	40262	4.827	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	4722	4.509	ug/l	97
82) 4-Chlorotoluene	13.223	91	35337	4.689	ug/l	98
83) tert-Butylbenzene	13.441	119	34988	4.718	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	39331	4.685	ug/l	99
85) sec-Butylbenzene	13.617	105	45224	4.588	ug/l	99
86) p-Isopropyltoluene	13.729	119	36881	4.480	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	21169	4.695	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	22014	4.751	ug/l	94
89) n-Butylbenzene	14.059	91	32835	4.534	ug/l	100
90) Hexachloroethane	14.335	117	7785	4.858	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	21007	4.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2958	4.852	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	11403	4.631	ug/l	99
94) Hexachlorobutadiene	15.500	225	4677	4.743	ug/l	95
95) Naphthalene	15.641	128	36029	4.554	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	11350	4.614	ug/l	96

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

