

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083567.D
 Acq On : 30 Aug 2024 10:05
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 31 00:34:21 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	188134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	27071	10.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.600%#		
35) Dibromofluoromethane	8.165	113	19464	9.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.660%#		
50) Toluene-d8	10.565	98	73303	10.418	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.840%#		
62) 4-Bromofluorobenzene	12.847	95	27973	9.792	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	19.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	20317	10.204	ug/l	99
3) Chloromethane	2.359	50	23209	10.006	ug/l	96
4) Vinyl Chloride	2.518	62	23295	10.035	ug/l	99
5) Bromomethane	2.906	94	12800	10.489	ug/l	92
6) Chloroethane	3.077	64	16436	10.835	ug/l #	87
7) Trichlorofluoromethane	3.471	101	38385	10.041	ug/l	96
8) Diethyl Ether	3.959	74	13632	9.975	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	20713	9.991	ug/l	97
10) Methyl Iodide	4.571	142	27437	9.784	ug/l	92
11) Tert butyl alcohol	5.536	59	20111	49.056	ug/l	99
12) 1,1-Dichloroethene	4.330	96	20260	9.830	ug/l	98
13) Acrolein	4.177	56	18495	47.685	ug/l	96
14) Allyl chloride	5.012	41	35411	9.636	ug/l	98
15) Acrylonitrile	5.724	53	50504	49.953	ug/l	100
16) Acetone	4.436	43	50095	47.776	ug/l	98
17) Carbon Disulfide	4.695	76	57037	9.496	ug/l	98
18) Methyl Acetate	5.018	43	26818	9.613	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	71931	9.839	ug/l	96
20) Methylene Chloride	5.271	84	21761	9.398	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	21698	10.107	ug/l	95
22) Diisopropyl ether	6.665	45	71810	9.911	ug/l	97
23) Vinyl Acetate	6.600	43	265931	49.524	ug/l	100
24) 1,1-Dichloroethane	6.559	63	40828	9.881	ug/l	99
25) 2-Butanone	7.483	43	72944	51.095	ug/l	96
26) 2,2-Dichloropropane	7.483	77	37325	9.702	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	25043	9.775	ug/l	98
28) Bromochloromethane	7.806	49	16627	8.617	ug/l	97
29) Tetrahydrofuran	7.841	42	43793	49.455	ug/l	99
30) Chloroform	7.971	83	42535	9.770	ug/l	89
31) Cyclohexane	8.253	56	40018	9.839	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	39030	9.915	ug/l	93
36) 1,1-Dichloropropene	8.365	75	28978	9.593	ug/l	99
37) Ethyl Acetate	7.559	43	29791	9.910	ug/l	98
38) Carbon Tetrachloride	8.359	117	34452	9.996	ug/l	98
39) Methylcyclohexane	9.600	83	35532	9.803	ug/l	98
40) Benzene	8.606	78	92197	9.922	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	16980	9.898	ug/l	98
42) 1,2-Dichloroethane	8.671	62	33768	9.804	ug/l	99
43) Isopropyl Acetate	8.688	43	68379	10.406	ug/l #	90
44) Trichloroethene	9.347	130	21113	9.445	ug/l	88
45) 1,2-Dichloropropane	9.618	63	22082	10.201	ug/l	99
46) Dibromomethane	9.706	93	15844	9.921	ug/l	98
47) Bromodichloromethane	9.888	83	33447	9.839	ug/l	96
48) Methyl methacrylate	9.682	41	24253	9.836	ug/l	98
49) 1,4-Dioxane	9.700	88	7933	196.345	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	139351	49.859	ug/l	99
52) Toluene	10.630	92	56872	9.786	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	34809	9.891	ug/l	89
54) cis-1,3-Dichloropropene	10.312	75	36214	9.804	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	20150	9.714	ug/l	99
56) Ethyl methacrylate	10.871	69	33631	9.801	ug/l	99
57) 1,3-Dichloropropane	11.165	76	36565	9.957	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	72007	48.293	ug/l	99
59) 2-Hexanone	11.194	43	103079	49.144	ug/l	99
60) Dibromochloromethane	11.359	129	23992	9.982	ug/l	96
61) 1,2-Dibromoethane	11.465	107	20566	9.705	ug/l	99
64) Tetrachloroethene	11.106	164	18199	10.047	ug/l	98
65) Chlorobenzene	11.888	112	60087	9.723	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	20458	9.805	ug/l	95
67) Ethyl Benzene	11.965	91	105880	9.598	ug/l	99
68) m/p-Xylenes	12.071	106	82268	19.796	ug/l	96
69) o-Xylene	12.394	106	40071	9.976	ug/l	97
70) Styrene	12.412	104	65058	9.633	ug/l	99
71) Bromoform	12.576	173	14234	9.577	ug/l #	99
73) Isopropylbenzene	12.694	105	101701	9.960	ug/l	98
74) N-amyl acetate	12.494	43	42945	9.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	28918	9.976	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	22064m	8.263	ug/l	
77) Bromobenzene	12.976	156	23636	9.866	ug/l	98
78) n-propylbenzene	13.035	91	114994	9.741	ug/l	100
79) 2-Chlorotoluene	13.123	91	75083	9.815	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	83610	9.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	10762	9.965	ug/l	95
82) 4-Chlorotoluene	13.223	91	77442	9.965	ug/l	99
83) tert-Butylbenzene	13.435	119	76066	9.946	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	85225	9.843	ug/l	98
85) sec-Butylbenzene	13.612	105	100214	9.859	ug/l	100
86) p-Isopropyltoluene	13.729	119	83606	9.848	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	45185	9.717	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	46187	9.666	ug/l	98
89) n-Butylbenzene	14.053	91	71655	9.595	ug/l	100
90) Hexachloroethane	14.335	117	16490	9.978	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	43525	9.719	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6388	10.161	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	23218	9.143	ug/l	97
94) Hexachlorobutadiene	15.500	225	10121	9.952	ug/l	98
95) Naphthalene	15.641	128	77822	9.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	23797	9.381	ug/l	99

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

