

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083664.D
 Acq On : 05 Sep 2024 10:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 06 02:10:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/06/2024
 Supervised By :Semsettin Yesilyurt 09/06/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	183101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145259	56.764	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.520%			
35) Dibromofluoromethane	8.165	113	103237	55.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.220%			
50) Toluene-d8	10.565	98	383844	52.497	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.000%			
62) 4-Bromofluorobenzene	12.847	95	149897	55.466	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	110414	56.977	ug/l	100
3) Chloromethane	2.359	50	109814	48.646	ug/l	99
4) Vinyl Chloride	2.518	62	110535	48.927	ug/l	95
5) Bromomethane	2.906	94	60290	50.764	ug/l	96
6) Chloroethane	3.077	64	69883	47.337	ug/l	98
7) Trichlorofluoromethane	3.471	101	189324	50.888	ug/l	99
8) Diethyl Ether	3.953	74	67021	50.392	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	103817	51.454	ug/l	98
10) Methyl Iodide	4.577	142	138218	50.642	ug/l	100
11) Tert butyl alcohol	5.536	59	94900	237.847	ug/l	100
12) 1,1-Dichloroethene	4.330	96	98374	49.042	ug/l	95
13) Acrolein	4.171	56	76448	202.522	ug/l	96
14) Allyl chloride	5.012	41	172508	48.235	ug/l	97
15) Acrylonitrile	5.718	53	245312	249.305	ug/l	99
16) Acetone	4.424	43	323309	316.819	ug/l	97
17) Carbon Disulfide	4.700	76	266255	45.549	ug/l	100
18) Methyl Acetate	5.018	43	115593	42.593	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	361296	50.778	ug/l	96
20) Methylene Chloride	5.265	84	110014	48.819	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	101411	48.535	ug/l	93
22) Diisopropyl ether	6.671	45	359141	50.927	ug/l	98
23) Vinyl Acetate	6.600	43	1393573	266.656	ug/l	99
24) 1,1-Dichloroethane	6.559	63	200060	49.747	ug/l	98
25) 2-Butanone	7.477	43	375703	270.402	ug/l	100
26) 2,2-Dichloropropane	7.483	77	191888	51.249	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	126862	50.881	ug/l	99
28) Bromochloromethane	7.806	49	94136	50.127	ug/l	100
29) Tetrahydrofuran	7.836	42	216130	250.782	ug/l	99
30) Chloroform	7.965	83	213627	50.420	ug/l	99
31) Cyclohexane	8.253	56	181191	45.773	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	199354	52.033	ug/l	99
36) 1,1-Dichloropropene	8.365	75	148415	51.938	ug/l	98
37) Ethyl Acetate	7.553	43	143640	50.509	ug/l	98
38) Carbon Tetrachloride	8.359	117	173409	53.188	ug/l	96
39) Methylcyclohexane	9.600	83	182986	53.365	ug/l	97
40) Benzene	8.600	78	452960	51.530	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	82899	51.082	ug/l	99
42) 1,2-Dichloroethane	8.671	62	168236	51.631	ug/l	100
43) Isopropyl Acetate	8.688	43	252870	44.172	ug/l	96
44) Trichloroethene	9.347	130	103905	49.138	ug/l	92
45) 1,2-Dichloropropane	9.618	63	106961	52.235	ug/l	100
46) Dibromomethane	9.706	93	79522	52.640	ug/l	99
47) Bromodichloromethane	9.888	83	169435	52.688	ug/l	99
48) Methyl methacrylate	9.677	41	120781	51.781	ug/l	97
49) 1,4-Dioxane	9.700	88	39419	1031.348	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	693053	262.132	ug/l	99
52) Toluene	10.630	92	281749	51.249	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	178994	53.767	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	185839	53.184	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	105836	53.937	ug/l	95
56) Ethyl methacrylate	10.871	69	176434	54.352	ug/l	99
57) 1,3-Dichloropropane	11.159	76	183302	52.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	370462	262.647	ug/l	100
59) 2-Hexanone	11.194	43	537723	271.004	ug/l	99
60) Dibromochloromethane	11.359	129	125196	55.064	ug/l	99
61) 1,2-Dibromoethane	11.471	107	106821	53.285	ug/l	99
64) Tetrachloroethene	11.100	164	90956	51.081	ug/l	95
65) Chlorobenzene	11.888	112	301905	49.694	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	107430	52.375	ug/l	100
67) Ethyl Benzene	11.965	91	553509	51.040	ug/l	99
68) m/p-Xylenes	12.071	106	412742	101.031	ug/l	100
69) o-Xylene	12.400	106	202052	51.172	ug/l	99
70) Styrene	12.412	104	341953	51.507	ug/l	99
71) Bromoform	12.576	173	78064	53.432	ug/l #	99
73) Isopropylbenzene	12.694	105	526865	48.469	ug/l	99
74) N-amyl acetate	12.494	43	230088	48.767	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	146886	47.599	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	126971m	46.826	ug/l	
77) Bromobenzene	12.976	156	119804	46.978	ug/l	100
78) n-propylbenzene	13.035	91	613500	48.815	ug/l	99
79) 2-Chlorotoluene	13.123	91	383060	47.037	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	448145	48.939	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	55193	48.009	ug/l	98
82) 4-Chlorotoluene	13.218	91	387961	46.893	ug/l	100
83) tert-Butylbenzene	13.435	119	390280	47.938	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	454183	49.275	ug/l	100
85) sec-Butylbenzene	13.618	105	532146	49.177	ug/l	100
86) p-Isopropyltoluene	13.729	119	450909	49.890	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	227968	46.049	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	229672	45.151	ug/l	100
89) n-Butylbenzene	14.053	91	392381	49.355	ug/l	99
90) Hexachloroethane	14.335	117	83288	47.343	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	224418	47.074	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31391	46.903	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	123204	45.573	ug/l	99
94) Hexachlorobutadiene	15.500	225	48940	45.204	ug/l	98
95) Naphthalene	15.641	128	400840	46.148	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	119860	44.383	ug/l	99

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

