

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082618.D
 Acq On : 17 Jun 2024 19:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 05:02:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	172909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	277883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133858	48.275	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.540%		
35) Dibromofluoromethane	8.171	113	93316	45.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.660%		
50) Toluene-d8	10.571	98	358933	46.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.240%		
62) 4-Bromofluorobenzene	12.853	95	125444	47.257	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	94.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115761	47.937	ug/l	98
3) Chloromethane	2.359	50	136110	47.017	ug/l	100
4) Vinyl Chloride	2.506	62	136249	49.456	ug/l	100
5) Bromomethane	2.936	94	73274	41.317	ug/l	96
6) Chloroethane	3.106	64	93182	47.433	ug/l	99
7) Trichlorofluoromethane	3.483	101	168167	46.788	ug/l	96
8) Diethyl Ether	3.959	74	61195	49.993	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	92624	46.008	ug/l	100
10) Methyl Iodide	4.589	142	104435	54.458	ug/l	98
11) Tert butyl alcohol	5.530	59	129019	284.299	ug/l	100
12) 1,1-Dichloroethene	4.342	96	90887	47.209	ug/l	94
13) Acrolein	4.183	56	118981	257.372	ug/l	98
14) Allyl chloride	5.018	41	198169	52.632	ug/l	91
15) Acrylonitrile	5.724	53	325120	271.408	ug/l	99
16) Acetone	4.436	43	300304	238.138	ug/l	100
17) Carbon Disulfide	4.706	76	275929	45.131	ug/l	100
18) Methyl Acetate	5.030	43	169375	54.916	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	347497	52.731	ug/l	95
20) Methylene Chloride	5.271	84	110130	49.674	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	98623	48.202	ug/l	98
22) Diisopropyl ether	6.677	45	414305	52.469	ug/l	97
23) Vinyl Acetate	6.606	43	1702910	271.958	ug/l	100
24) 1,1-Dichloroethane	6.571	63	211838	49.524	ug/l	98
25) 2-Butanone	7.488	43	481566	268.667	ug/l	99
26) 2,2-Dichloropropane	7.494	77	143657	38.714	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	120044	48.693	ug/l	98
28) Bromochloromethane	7.818	49	90157	46.185	ug/l	97
29) Tetrahydrofuran	7.841	42	332063	302.623	ug/l	100
30) Chloroform	7.971	83	210199	50.377	ug/l	99
31) Cyclohexane	8.259	56	180030	44.988	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	184985	48.890	ug/l	99
36) 1,1-Dichloropropene	8.371	75	146085	47.998	ug/l	99
37) Ethyl Acetate	7.565	43	197363	50.907	ug/l	100
38) Carbon Tetrachloride	8.365	117	164224	47.878	ug/l	97
39) Methylcyclohexane	9.606	83	150507	46.989	ug/l	98
40) Benzene	8.612	78	457260	48.622	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	101520	51.227	ug/l	96
42) 1,2-Dichloroethane	8.671	62	176506	49.342	ug/l	100
43) Isopropyl Acetate	8.694	43	380403	52.502	ug/l	96
44) Trichloroethene	9.359	130	100096	45.837	ug/l	96
45) 1,2-Dichloropropane	9.624	63	120159	49.638	ug/l	94
46) Dibromomethane	9.712	93	81514	49.676	ug/l	99
47) Bromodichloromethane	9.894	83	169042	48.320	ug/l	99
48) Methyl methacrylate	9.682	41	157939	52.878	ug/l	99
49) 1,4-Dioxane	9.700	88	54190	1159.884	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	1043376	280.758	ug/l	100
52) Toluene	10.635	92	287478	50.441	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	175008	48.935	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	180904	48.916	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	107526	52.125	ug/l	97
56) Ethyl methacrylate	10.877	69	188478	55.166	ug/l	100
57) 1,3-Dichloropropane	11.165	76	194324	50.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	493800	273.216	ug/l	99
59) 2-Hexanone	11.200	43	800694	283.477	ug/l	100
60) Dibromochloromethane	11.359	129	128209	50.914	ug/l	100
61) 1,2-Dibromoethane	11.471	107	111508	51.270	ug/l	100
64) Tetrachloroethene	11.106	164	92248	40.262	ug/l	98
65) Chlorobenzene	11.894	112	306107	48.037	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	109569	48.221	ug/l	98
67) Ethyl Benzene	11.965	91	548687	50.533	ug/l	100
68) m/p-Xylenes	12.076	106	417412	103.334	ug/l	100
69) o-Xylene	12.400	106	200012	52.702	ug/l	98
70) Styrene	12.412	104	350779	54.458	ug/l	100
71) Bromoform	12.582	173	93635	52.122	ug/l #	99
73) Isopropylbenzene	12.700	105	511488	47.976	ug/l	100
74) N-amyl acetate	12.494	43	302466	53.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	168408	48.426	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	164699m	47.962	ug/l	
77) Bromobenzene	12.982	156	127213	46.357	ug/l	99
78) n-propylbenzene	13.035	91	609121	48.301	ug/l	100
79) 2-Chlorotoluene	13.129	91	377216	47.698	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	435416	50.326	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	70868	49.373	ug/l	92
82) 4-Chlorotoluene	13.223	91	376806	47.695	ug/l	100
83) tert-Butylbenzene	13.441	119	368034	49.938	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	442448	50.978	ug/l	99
85) sec-Butylbenzene	13.618	105	511271	48.847	ug/l	100
86) p-Isopropyltoluene	13.729	119	429649	50.975	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	233212	46.870	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	232451	44.696	ug/l	99
89) n-Butylbenzene	14.059	91	361410	48.340	ug/l	99
90) Hexachloroethane	14.335	117	85981	46.885	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	223107	45.923	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37942	51.553	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	114519	44.702	ug/l	99
94) Hexachlorobutadiene	15.506	225	47821	37.859	ug/l	97
95) Naphthalene	15.641	128	405186	51.409	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	118515	45.395	ug/l	96

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

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