

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083008.D
 Acq On : 22 Jul 2024 17:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 23 08:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/24/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	87173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	148238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	138936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	63744	52.164	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.320%			
35) Dibromofluoromethane	8.171	113	49207	51.731	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.460%			
50) Toluene-d8	10.571	98	183062	52.106	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.220%			
62) 4-Bromofluorobenzene	12.853	95	61315	48.586	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52540	46.554	ug/l	97
3) Chloromethane	2.359	50	43064	40.236	ug/l	99
4) Vinyl Chloride	2.512	62	55877	49.709	ug/l	98
5) Bromomethane	2.924	94	36465	44.993	ug/l	95
6) Chloroethane	3.100	64	44565	57.935	ug/l	100
7) Trichlorofluoromethane	3.483	101	81912	50.665	ug/l	98
8) Diethyl Ether	3.959	74	28308	51.161	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.359	101	49155	53.719	ug/l	99
10) Methyl Iodide	4.583	142	43308	46.164	ug/l	98
11) Tert butyl alcohol	5.536	59	50286	244.663	ug/l	99
12) 1,1-Dichloroethene	4.336	96	44962	50.525	ug/l	86
13) Acrolein	4.183	56	35608	239.965	ug/l	94
14) Allyl chloride	5.024	41	69891	50.371	ug/l	93
15) Acrylonitrile	5.718	53	134337	284.405	ug/l	99
16) Acetone	4.430	43	111720	259.675	ug/l	94
17) Carbon Disulfide	4.706	76	109159	41.050	ug/l	98
18) Methyl Acetate	5.030	43	79398	69.744	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	163447	53.245	ug/l	94
20) Methylene Chloride	5.277	84	53171	51.174	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	46940	48.681	ug/l	86
22) Diisopropyl ether	6.677	45	163814	56.433	ug/l #	93
23) Vinyl Acetate	6.606	43	613676	266.211	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	96131	54.596	ug/l	99
25) 2-Butanone	7.488	43	182513	280.951	ug/l	94
26) 2,2-Dichloropropane	7.494	77	83151	50.791	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	58712	52.010	ug/l	89
28) Bromochloromethane	7.812	49	44004	58.255	ug/l	86
29) Tetrahydrofuran	7.841	42	117338	286.908	ug/l #	84
30) Chloroform	7.971	83	103942	55.645	ug/l	96
31) Cyclohexane	8.259	56	69841	43.716	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	92785	53.499	ug/l	98
36) 1,1-Dichloropropene	8.377	75	68102	51.928	ug/l	98
37) Ethyl Acetate	7.565	43	72525	54.318	ug/l	96
38) Carbon Tetrachloride	8.365	117	80321	50.867	ug/l	97
39) Methylcyclohexane	9.606	83	63520	44.839	ug/l	92
40) Benzene	8.606	78	212511	52.679	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	38417	53.407	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	80417	55.373	ug/l	98
43) Isopropyl Acetate	8.694	43	126302	50.178	ug/l #	92
44) Trichloroethene	9.353	130	50040	48.417	ug/l	97
45) 1,2-Dichloropropane	9.624	63	53805	57.129	ug/l	95
46) Dibromomethane	9.712	93	40892	55.732	ug/l	98
47) Bromodichloromethane	9.888	83	85375	56.315	ug/l	100
48) Methyl methacrylate	9.682	41	59311	56.652	ug/l #	87
49) 1,4-Dioxane	9.700	88	25715	1132.726	ug/l	88
51) 4-Methyl-2-Pentanone	10.447	43	400627	302.661	ug/l	93
52) Toluene	10.629	92	137008	54.368	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	84507	54.109	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	86368	52.245	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	55878	60.301	ug/l	94
56) Ethyl methacrylate	10.876	69	86382	59.918	ug/l	89
57) 1,3-Dichloropropane	11.165	76	92703	56.517	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	237060	320.453	ug/l	97
59) 2-Hexanone	11.200	43	307817	312.779	ug/l	93
60) Dibromochloromethane	11.365	129	66417	56.274	ug/l	99
61) 1,2-Dibromoethane	11.470	107	54481	55.363	ug/l	95
64) Tetrachloroethene	11.106	164	47069	45.409	ug/l	98
65) Chlorobenzene	11.894	112	152711	51.294	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	56354	53.215	ug/l	97
67) Ethyl Benzene	11.965	91	260635	52.088	ug/l	98
68) m/p-Xylenes	12.070	106	202719	107.309	ug/l	97
69) o-Xylene	12.400	106	97675	53.961	ug/l	95
70) Styrene	12.412	104	171765	57.431	ug/l	99
71) Bromoform	12.582	173	45908	55.124	ug/l #	98
73) Isopropylbenzene	12.700	105	245082	48.485	ug/l	99
74) N-amyl acetate	12.494	43	110808	52.997	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	83075	54.877	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	75784m	63.190	ug/l	
77) Bromobenzene	12.982	156	63607	48.777	ug/l	98
78) n-propylbenzene	13.035	91	295637	50.868	ug/l	99
79) 2-Chlorotoluene	13.123	91	181557	49.029	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	206868	50.630	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	34610	56.756	ug/l #	82
82) 4-Chlorotoluene	13.223	91	181648	49.559	ug/l	97
83) tert-Butylbenzene	13.441	119	174866	48.275	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	213854	51.352	ug/l	98
85) sec-Butylbenzene	13.617	105	239753	48.979	ug/l	99
86) p-Isopropyltoluene	13.729	119	202479	49.578	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	117177	49.742	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	115658	47.474	ug/l	99
89) n-Butylbenzene	14.059	91	168056	48.032	ug/l	99
90) Hexachloroethane	14.335	117	42254	48.896	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	113061	49.431	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16628	47.478	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	54599	44.317	ug/l	98
94) Hexachlorobutadiene	15.500	225	23020	42.148	ug/l	96
95) Naphthalene	15.641	128	196129	46.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	56794	44.834	ug/l	97

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

