

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037425.D
 Acq On : 31 Aug 2023 12:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 31 18:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/01/2023
 Supervised By :Semsettin Yesilyurt 09/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	130617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97347	47.417	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.840%		
35) Dibromofluoromethane	5.379	113	85797	54.051	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.100%		
50) Toluene-d8	8.647	98	307997	53.491	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.980%		
62) 4-Bromofluorobenzene	11.079	95	131751	58.225	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84860	51.301	ug/l	99
3) Chloromethane	1.301	50	79380	54.852	ug/l	97
4) Vinyl Chloride	1.374	62	83072	52.737	ug/l	99
5) Bromomethane	1.599	94	47251	60.220	ug/l	100
6) Chloroethane	1.679	64	53765	58.002	ug/l	98
7) Trichlorofluoromethane	1.886	101	133360	51.683	ug/l	99
8) Diethyl Ether	2.130	74	51501	51.589	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	79142	52.575	ug/l	97
10) Methyl Iodide	2.447	142	85121	46.526	ug/l	94
11) Tert butyl alcohol	2.959	59	105083	218.204	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	74115	50.560	ug/l	83
13) Acrolein	2.233	56	80242	219.025	ug/l	99
14) Allyl chloride	2.660	41	113634	50.083	ug/l #	90
15) Acrylonitrile	3.062	53	222615	258.987	ug/l	99
16) Acetone	2.380	43	219057	272.749	ug/l #	88
17) Carbon Disulfide	2.508	76	173922	46.644	ug/l	100
18) Methyl Acetate	2.697	43	148138	48.987	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	277561	49.925	ug/l	97
20) Methylene Chloride	2.788	84	90165	50.201	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	83910	50.355	ug/l	88
22) Diisopropyl ether	3.757	45	236468	50.789	ug/l #	85
23) Vinyl Acetate	3.721	43	889783	249.386	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	147708	50.590	ug/l	96
25) 2-Butanone	4.550	43	306895	253.780	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	132898	50.968	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	101652	51.745	ug/l	88
28) Bromochloromethane	4.891	49	64731	49.630	ug/l #	72
29) Tetrahydrofuran	5.001	42	185893	241.042	ug/l #	82
30) Chloroform	5.093	83	165160	50.392	ug/l	97
31) Cyclohexane	5.464	56	118993	51.548	ug/l	85
32) 1,1,1-Trichloroethane	5.379	97	145845	49.657	ug/l	96
36) 1,1-Dichloropropene	5.690	75	115632	51.274	ug/l	97
37) Ethyl Acetate	4.708	43	113102	49.096	ug/l #	92
38) Carbon Tetrachloride	5.678	117	126542	51.655	ug/l	98
39) Methylcyclohexane	7.379	83	148537	62.690	ug/l	89
40) Benzene	6.031	78	348124	53.824	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	62011	51.780	ug/l #	87
42) 1,2-Dichloroethane	6.080	62	125366	49.427	ug/l	94
43) Isopropyl Acetate	6.336	43	182577	49.920	ug/l #	90
44) Trichloroethene	7.123	130	97529	53.178	ug/l	95
45) 1,2-Dichloropropane	7.428	63	86460	54.214	ug/l	99
46) Dibromomethane	7.580	93	66012	52.543	ug/l	94
47) Bromodichloromethane	7.818	83	128218	53.283	ug/l	96
48) Methyl methacrylate	7.690	41	89674	50.276	ug/l #	82
49) 1,4-Dioxane	7.659	88	44758	931.755	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	577145	259.874	ug/l	88
52) Toluene	8.720	92	236326	55.301	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	139498	54.444	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	151294	54.642	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	96307	55.344	ug/l	98
56) Ethyl methacrylate	9.116	69	149024	54.674	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	160208	54.614	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	344060	263.037	ug/l	92
59) 2-Hexanone	9.427	43	454936	268.660	ug/l	85
60) Dibromochloromethane	9.519	129	103694	55.969	ug/l	99
61) 1,2-Dibromoethane	9.610	107	103452	54.299	ug/l	99
64) Tetrachloroethene	9.275	164	78599	46.710	ug/l	97
65) Chlorobenzene	10.079	112	259421	53.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	96401	53.577	ug/l	100
67) Ethyl Benzene	10.195	91	457660	53.351	ug/l	98
68) m/p-Xylenes	10.299	106	359394	108.488	ug/l	96
69) o-Xylene	10.640	106	175083	53.568	ug/l	98
70) Styrene	10.653	104	301963	56.087	ug/l	97
71) Bromoform	10.799	173	76427	56.785	ug/l #	100
73) Isopropylbenzene	10.963	105	466131	49.098	ug/l	99
74) N-amyl acetate	10.842	43	168562	45.694	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	157313	49.202	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	128704m	46.268	ug/l	
77) Bromobenzene	11.195	156	115305	49.729	ug/l	90
78) n-propylbenzene	11.305	91	546352	51.681	ug/l	98
79) 2-Chlorotoluene	11.366	91	331572	49.080	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	406496	51.328	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46844	47.035	ug/l	86
82) 4-Chlorotoluene	11.451	91	391884	50.252	ug/l	98
83) tert-Butylbenzene	11.713	119	408902	54.139	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	412341	51.517	ug/l	97
85) sec-Butylbenzene	11.890	105	512537	58.097	ug/l	98
86) p-Isopropyltoluene	12.006	119	445989	58.726	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	227781	52.472	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	229548	51.181	ug/l	99
89) n-Butylbenzene	12.329	91	399133	63.391	ug/l	99
90) Hexachloroethane	12.536	117	76310	60.201	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	224857	52.897	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35810	48.202	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	150101	60.348	ug/l	97
94) Hexachlorobutadiene	13.725	225	66580	69.291	ug/l	99
95) Naphthalene	13.774	128	493111	45.260	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	145580	58.913	ug/l	99

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

