

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036982.D
 Acq On : 15 Aug 2023 12:52
 Operator : JC/MD
 Sample : VX0815MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2023
 Supervised By : Semsettin Yesilyurt 08/16/2023

Quant Time: Aug 15 16:53:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92869	53.598	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.200%			
35) Dibromofluoromethane	5.385	113	75675	55.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.800%			
50) Toluene-d8	8.647	98	244315	50.895	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.800%			
62) 4-Bromofluorobenzene	11.079	95	102969	56.855	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31784	20.546	ug/l	97
3) Chloromethane	1.301	50	24421	17.357	ug/l	98
4) Vinyl Chloride	1.374	62	29079	20.299	ug/l	99
5) Bromomethane	1.605	94	20084	23.483	ug/l	100
6) Chloroethane	1.685	64	18529	26.604	ug/l	94
7) Trichlorofluoromethane	1.886	101	53816	24.327	ug/l	98
8) Diethyl Ether	2.136	74	19852	23.195	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	30200	22.722	ug/l	99
10) Methyl Iodide	2.453	142	34084	24.690	ug/l	96
11) Tert butyl alcohol	2.959	59	47569	115.964	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	27863	21.249	ug/l	90
13) Acrolein	2.239	56	25723	109.879	ug/l	96
14) Allyl chloride	2.666	41	45768	17.725	ug/l #	95
15) Acrylonitrile	3.062	53	91560	110.990	ug/l	99
16) Acetone	2.380	43	80339	111.737	ug/l	94
17) Carbon Disulfide	2.514	76	63452	17.533	ug/l	97
18) Methyl Acetate	2.703	43	66034	21.832	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	112947	22.922	ug/l	98
20) Methylene Chloride	2.788	84	34272	21.433	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	31407	21.431	ug/l	88
22) Diisopropyl ether	3.757	45	96695	19.723	ug/l #	96
23) Vinyl Acetate	3.721	43	385608	102.538	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	57018	20.744	ug/l	95
25) 2-Butanone	4.556	43	129477	110.992	ug/l	92
26) 2,2-Dichloropropane	4.471	77	53947	20.829	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	38474	22.103	ug/l	92
28) Bromochloromethane	4.897	49	25939	19.512	ug/l #	80
29) Tetrahydrofuran	5.007	42	81025	107.733	ug/l #	85
30) Chloroform	5.093	83	64524	22.945	ug/l	94
31) Cyclohexane	5.464	56	44726	18.643	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	58166	22.574	ug/l	97
36) 1,1-Dichloropropene	5.690	75	44087	21.851	ug/l	98
37) Ethyl Acetate	4.715	43	50368	22.056	ug/l #	95
38) Carbon Tetrachloride	5.678	117	49144	22.911	ug/l	97
39) Methylcyclohexane	7.379	83	47718	19.020	ug/l	91
40) Benzene	6.037	78	128206	21.840	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	26092	21.363	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	52664	24.538	ug/l	96
43) Isopropyl Acetate	6.336	43	82742	21.049	ug/l #	95
44) Trichloroethene	7.123	130	35278	22.992	ug/l	98
45) 1,2-Dichloropropane	7.427	63	33573	21.421	ug/l	99
46) Dibromomethane	7.580	93	26674	24.318	ug/l	96
47) Bromodichloromethane	7.824	83	50858	22.588	ug/l	96
48) Methyl methacrylate	7.690	41	39202	21.444	ug/l #	88
49) 1,4-Dioxane	7.659	88	17374	470.445	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	251891	115.793	ug/l	93
52) Toluene	8.720	92	84627	23.008	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	54421	21.386	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	57628	21.461	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	36848	23.832	ug/l	95
56) Ethyl methacrylate	9.116	69	57864	22.983	ug/l	91
57) 1,3-Dichloropropane	9.305	76	61642	23.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	135211	108.994	ug/l	95
59) 2-Hexanone	9.427	43	191113	118.374	ug/l	92
60) Dibromochloromethane	9.519	129	39138	23.031	ug/l	100
61) 1,2-Dibromoethane	9.610	107	39236	24.486	ug/l	99
64) Tetrachloroethene	9.275	164	31798	23.960	ug/l	97
65) Chlorobenzene	10.079	112	91262	23.270	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	35028	23.107	ug/l	98
67) Ethyl Benzene	10.195	91	161602	22.555	ug/l	99
68) m/p-Xylenes	10.299	106	123346	46.141	ug/l	99
69) o-Xylene	10.640	106	62120	23.280	ug/l	98
70) Styrene	10.652	104	100972	22.935	ug/l	99
71) Bromoform	10.799	173	27632	22.518	ug/l #	99
73) Isopropylbenzene	10.963	105	158120	21.120	ug/l	99
74) N-amyl acetate	10.841	43	67228	19.256	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	56820	22.471	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48305m	22.702	ug/l	
77) Bromobenzene	11.195	156	38849	22.786	ug/l	93
78) n-propylbenzene	11.305	91	178178	20.579	ug/l	100
79) 2-Chlorotoluene	11.366	91	113233	21.582	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	133577	21.328	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17006	18.115	ug/l	90
82) 4-Chlorotoluene	11.451	91	128925	21.567	ug/l	100
83) tert-Butylbenzene	11.713	119	127371	20.701	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	134602	21.490	ug/l	98
85) sec-Butylbenzene	11.890	105	152181	19.833	ug/l	99
86) p-Isopropyltoluene	12.006	119	129069	20.442	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	70599	22.357	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	71934	22.954	ug/l	99
89) n-Butylbenzene	12.329	91	107014	18.934	ug/l	99
90) Hexachloroethane	12.536	117	22365	17.473	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	70498	23.135	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13386	22.781	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	41553	22.133	ug/l	97
94) Hexachlorobutadiene	13.725	225	16631	21.412	ug/l	99
95) Naphthalene	13.774	128	159669	24.405	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	42811	23.136	ug/l	99

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

