

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034339.D
 Acq On : 06 Mar 2023 10:58
 Operator : JC/MD
 Sample : VX0306MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

03/07/2023
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Mar 07 00:34:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	273793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205465	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154446	41.885	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.780%
35) Dibromofluoromethane	5.385	113	130863	44.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.420%
50) Toluene-d8	8.647	98	476169	44.803	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.600%#
62) 4-Bromofluorobenzene	11.079	95	185017	45.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49481	20.915	ug/l	99
3) Chloromethane	1.300	50	70540	20.719	ug/l	99
4) Vinyl Chloride	1.374	62	71215	22.968	ug/l	99
5) Bromomethane	1.605	94	42139	33.708	ug/l	99
6) Chloroethane	1.685	64	40984	26.292	ug/l	98
7) Trichlorofluoromethane	1.886	101	107672	25.668	ug/l	98
8) Diethyl Ether	2.136	74	39901	23.610	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	58300	19.735	ug/l	94
10) Methyl Iodide	2.453	142	68866	19.146	ug/l	93
11) Tert butyl alcohol	2.959	59	79687	96.623	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	57557	19.436	ug/l	97
13) Acrolein	2.239	56	34388	91.343	ug/l	98
14) Allyl chloride	2.666	41	113864	18.126	ug/l	90
15) Acrylonitrile	3.062	53	186268	103.531	ug/l	99
16) Acetone	2.380	43	172898	90.898	ug/l	94
17) Carbon Disulfide	2.514	76	156227	18.349	ug/l	100
18) Methyl Acetate	2.703	43	120622	20.494	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	211667	20.252	ug/l	100
20) Methylene Chloride	2.788	84	66969	19.540	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	63227	20.375	ug/l	97
22) Diisopropyl ether	3.757	45	234355	21.280	ug/l	93
23) Vinyl Acetate	3.721	43	921507	104.439	ug/l	100
24) 1,1-Dichloroethane	3.611	63	120353	19.907	ug/l	99
25) 2-Butanone	4.556	43	272080	98.859	ug/l	98
26) 2,2-Dichloropropane	4.477	77	104421	19.066	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	76394	20.790	ug/l	95
28) Bromochloromethane	4.897	49	41356	15.334	ug/l #	85
29) Tetrahydrofuran	5.007	42	173013	103.048	ug/l	99
30) Chloroform	5.092	83	121483	20.926	ug/l	98
31) Cyclohexane	5.470	56	110252	20.027	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	106169	20.401	ug/l	99
36) 1,1-Dichloropropene	5.690	75	88011	20.104	ug/l	99
37) Ethyl Acetate	4.715	43	103196	21.092	ug/l	99
38) Carbon Tetrachloride	5.678	117	91424	20.295	ug/l	96
39) Methylcyclohexane	7.379	83	111710	19.829	ug/l	99
40) Benzene	6.037	78	272039	20.969	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57041	20.925	ug/l	99
42) 1,2-Dichloroethane	6.086	62	94855	20.789	ug/l	100
43) Isopropyl Acetate	6.342	43	178247	20.645	ug/l	99
44) Trichloroethene	7.129	130	70024	21.033	ug/l	99
45) 1,2-Dichloropropane	7.427	63	71438	20.685	ug/l	99
46) Dibromomethane	7.580	93	47161	20.749	ug/l	89
47) Bromodichloromethane	7.824	83	94922	20.350	ug/l	97
48) Methyl methacrylate	7.690	41	83561	20.391	ug/l	98
49) 1,4-Dioxane	7.659	88	35322	432.144	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	540237	113.731	ug/l	98
52) Toluene	8.720	92	171483	21.815	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	107236	19.973	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	116493	20.267	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	70457	22.205	ug/l	98
56) Ethyl methacrylate	9.116	69	114670	21.363	ug/l	98
57) 1,3-Dichloropropane	9.311	76	121637	22.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	215614	92.728	ug/l	96
59) 2-Hexanone	9.427	43	408117	112.737	ug/l	98
60) Dibromochloromethane	9.519	129	74772	21.327	ug/l	98
61) 1,2-Dibromoethane	9.610	107	73958	22.039	ug/l	100
64) Tetrachloroethene	9.275	164	60355	20.904	ug/l	95
65) Chlorobenzene	10.079	112	184273	21.610	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	70326	21.304	ug/l	96
67) Ethyl Benzene	10.195	91	329326	21.497	ug/l	99
68) m/p-Xylenes	10.299	106	254464	43.404	ug/l	96
69) o-Xylene	10.640	106	125425	21.490	ug/l	95
70) Styrene	10.652	104	203512	21.439	ug/l	96
71) Bromoform	10.799	173	53692	19.926	ug/l #	99
73) Isopropylbenzene	10.963	105	325277	20.772	ug/l	100
74) N-amyl acetate	10.841	43	156507	19.894	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	108197	20.202	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89058m	17.226	ug/l	
77) Bromobenzene	11.195	156	76913	20.410	ug/l	85
78) n-propylbenzene	11.305	91	373665	20.518	ug/l	98
79) 2-Chlorotoluene	11.366	91	228064	20.423	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	269347	20.459	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	35131	17.456	ug/l	96
82) 4-Chlorotoluene	11.451	91	259071	20.369	ug/l	96
83) tert-Butylbenzene	11.713	119	272762	20.229	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	270312	20.307	ug/l	98
85) sec-Butylbenzene	11.890	105	334494	20.428	ug/l	98
86) p-Isopropyltoluene	12.012	119	277131	20.451	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	146897	20.786	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	148042	20.768	ug/l	96
89) n-Butylbenzene	12.335	91	237109	19.645	ug/l	98
90) Hexachloroethane	12.536	117	52748	18.617	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	144040	20.831	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22931	17.955	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	87323	19.670	ug/l	98
94) Hexachlorobutadiene	13.725	225	34792	18.905	ug/l	100
95) Naphthalene	13.774	128	297920	19.922	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	87000	19.740	ug/l	99

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

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