

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035434.D
 Acq On : 01 May 2023 12:46
 Operator : JC/MD
 Sample : VX0501MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 01 23:57:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	253928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	403076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150968	49.280	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.560%		
35) Dibromofluoromethane	5.385	113	126290	51.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.100%		
50) Toluene-d8	8.647	98	459242	49.208	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.420%		
62) 4-Bromofluorobenzene	11.079	95	176553	50.289	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	49533	18.435	ug/l	99
3) Chloromethane	1.295	50	40839	16.708	ug/l	93
4) Vinyl Chloride	1.374	62	41798	17.050	ug/l	94
5) Bromomethane	1.618	94	26760	16.423	ug/l	97
6) Chloroethane	1.691	64	24392	17.012	ug/l	99
7) Trichlorofluoromethane	1.892	101	70533	18.398	ug/l	99
8) Diethyl Ether	2.136	74	25330	18.122	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	46594	18.197	ug/l	95
10) Methyl Iodide	2.453	142	48078	14.878	ug/l	98
11) Tert butyl alcohol	2.983	59	57060m	102.295	ug/l	
12) 1,1-Dichloroethene	2.319	96	44604	18.086	ug/l	99
13) Acrolein	2.239	56	51621	94.103	ug/l	100
14) Allyl chloride	2.666	41	78096	17.994	ug/l	98
15) Acrylonitrile	3.063	53	133546	95.724	ug/l	99
16) Acetone	2.386	43	133196	100.108	ug/l	99
17) Carbon Disulfide	2.514	76	101607	17.186	ug/l	99
18) Methyl Acetate	2.703	43	101772	19.780	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	167467	19.793	ug/l	97
20) Methylene Chloride	2.788	84	53183	17.432	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	49514	18.485	ug/l	94
22) Diisopropyl ether	3.757	45	162783	18.953	ug/l	97
23) Vinyl Acetate	3.721	43	574255	97.273	ug/l	98
24) 1,1-Dichloroethane	3.611	63	91253	18.863	ug/l	100
25) 2-Butanone	4.556	43	187344	96.468	ug/l	96
26) 2,2-Dichloropropane	4.477	77	73934	19.507	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	58377	18.541	ug/l	94
28) Bromochloromethane	4.898	49	41701	20.227	ug/l #	83
29) Tetrahydrofuran	5.007	42	115554	92.819	ug/l	93
30) Chloroform	5.093	83	95305	19.515	ug/l	96
31) Cyclohexane	5.471	56	76988	17.716	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	82064	19.174	ug/l	97
36) 1,1-Dichloropropene	5.696	75	68104	17.630	ug/l	98
37) Ethyl Acetate	4.715	43	69202	19.614	ug/l	95
38) Carbon Tetrachloride	5.678	117	70194	19.141	ug/l	99
39) Methylcyclohexane	7.379	83	81606	17.355	ug/l	97
40) Benzene	6.038	78	206577	18.642	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40142	19.856	ug/l	96
42) 1,2-Dichloroethane	6.086	62	75269	19.050	ug/l	98
43) Isopropyl Acetate	6.342	43	114833	19.370	ug/l	95
44) Trichloroethene	7.123	130	57052	18.689	ug/l	94
45) 1,2-Dichloropropane	7.434	63	53503	19.151	ug/l	97
46) Dibromomethane	7.580	93	36341	18.942	ug/l	90
47) Bromodichloromethane	7.824	83	68637	19.417	ug/l	96
48) Methyl methacrylate	7.690	41	58043	19.959	ug/l	92
49) 1,4-Dioxane	7.696	88	27410	386.682	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	357025	98.024	ug/l	95
52) Toluene	8.720	92	132564	18.872	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74245	20.112	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	83921	20.113	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	55104	19.679	ug/l	97
56) Ethyl methacrylate	9.116	69	84313	20.212	ug/l	89
57) 1,3-Dichloropropane	9.305	76	92834	19.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	182810	87.647	ug/l	93
59) 2-Hexanone	9.427	43	276383	101.009	ug/l	95
60) Dibromochloromethane	9.519	129	54914	20.468	ug/l	97
61) 1,2-Dibromoethane	9.610	107	57809	20.026	ug/l	100
64) Tetrachloroethene	9.275	164	50537	18.265	ug/l	98
65) Chlorobenzene	10.080	112	146105	18.688	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	53521	19.670	ug/l	98
67) Ethyl Benzene	10.195	91	255107	18.842	ug/l	99
68) m/p-Xylenes	10.299	106	196454	37.867	ug/l	100
69) o-Xylene	10.640	106	97015	19.070	ug/l	99
70) Styrene	10.653	104	161317	19.557	ug/l	97
71) Bromoform	10.799	173	38062	20.111	ug/l #	98
73) Isopropylbenzene	10.964	105	253501	19.347	ug/l	99
74) N-amyl acetate	10.842	43	97833	19.868	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	81710	20.091	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	66356m	18.558	ug/l	
77) Bromobenzene	11.195	156	63261	19.423	ug/l	91
78) n-propylbenzene	11.305	91	287823	19.126	ug/l	99
79) 2-Chlorotoluene	11.366	91	178279	18.959	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	215084	19.468	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21408	19.391	ug/l	98
82) 4-Chlorotoluene	11.457	91	203111	19.231	ug/l	97
83) tert-Butylbenzene	11.713	119	210993	19.033	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	217089	19.556	ug/l	99
85) sec-Butylbenzene	11.890	105	254427	18.711	ug/l	100
86) p-Isopropyltoluene	12.006	119	222603	19.248	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	119326	19.278	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	119241	18.373	ug/l	99
89) n-Butylbenzene	12.335	91	174346	17.858	ug/l	99
90) Hexachloroethane	12.536	117	33006	18.644	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	117966	19.055	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16897	20.720	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	74197	19.067	ug/l	99
94) Hexachlorobutadiene	13.725	225	31006	18.155	ug/l	97
95) Naphthalene	13.774	128	252308	21.061	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74180	18.936	ug/l	99

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

