

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035715.D
 Acq On : 17 May 2023 14:01
 Operator : JC/MD
 Sample : VX0517MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

Quant Time: May 18 04:41:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	185319	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	333813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	183155	56.652	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.300%			
35) Dibromofluoromethane	5.385	113	122884	54.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.180%			
50) Toluene-d8	8.647	98	444746	53.477	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.960%			
62) 4-Bromofluorobenzene	11.079	95	180721	53.969	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	47038	19.476	ug/l	96
3) Chloromethane	1.295	50	54499	18.594	ug/l	99
4) Vinyl Chloride	1.374	62	51733	20.798	ug/l	97
5) Bromomethane	1.618	94	30874	22.918	ug/l	98
6) Chloroethane	1.691	64	32643	21.633	ug/l	95
7) Trichlorofluoromethane	1.886	101	75920	20.758	ug/l	99
8) Diethyl Ether	2.130	74	31442	22.328	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	44216	20.362	ug/l	96
10) Methyl Iodide	2.453	142	42169	21.713	ug/l	91
11) Tert butyl alcohol	3.014	59	60009m	105.209	ug/l	
12) 1,1-Dichloroethene	2.319	96	41861	20.284	ug/l	86
13) Acrolein	2.240	56	64078	94.654	ug/l	97
14) Allyl chloride	2.666	41	85954	19.441	ug/l	92
15) Acrylonitrile	3.069	53	144826	115.308	ug/l	99
16) Acetone	2.398	43	141088	101.538	ug/l	94
17) Carbon Disulfide	2.514	76	81471	16.357	ug/l	99
18) Methyl Acetate	2.709	43	118069	23.040	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	175132	21.325	ug/l	97
20) Methylene Chloride	2.788	84	51925	20.619	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	46338	20.491	ug/l	88
22) Diisopropyl ether	3.758	45	187973	21.714	ug/l	97
23) Vinyl Acetate	3.721	43	659318	107.641	ug/l	97
24) 1,1-Dichloroethane	3.611	63	99650	21.524	ug/l	99
25) 2-Butanone	4.568	43	214958	111.752	ug/l	100
26) 2,2-Dichloropropane	4.471	77	74596	19.027	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	57492	21.148	ug/l	97
28) Bromochloromethane	4.898	49	49731	23.881	ug/l	94
29) Tetrahydrofuran	5.013	42	135005	111.667	ug/l	99
30) Chloroform	5.093	83	102216	21.546	ug/l	97
31) Cyclohexane	5.471	56	79005	19.342	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	84561	20.486	ug/l	98
36) 1,1-Dichloropropene	5.690	75	71119	20.014	ug/l	98
37) Ethyl Acetate	4.715	43	79799	21.530	ug/l	99
38) Carbon Tetrachloride	5.678	117	65415	19.433	ug/l	97
39) Methylcyclohexane	7.379	83	78721	18.820	ug/l	94
40) Benzene	6.038	78	208785	21.003	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48360	21.976	ug/l	96
42) 1,2-Dichloroethane	6.086	62	92279	21.579	ug/l	96
43) Isopropyl Acetate	6.336	43	133684	20.684	ug/l	99
44) Trichloroethene	7.123	130	50227	19.926	ug/l	89
45) 1,2-Dichloropropane	7.428	63	56023	21.279	ug/l	100
46) Dibromomethane	7.580	93	37620	20.875	ug/l	94
47) Bromodichloromethane	7.824	83	70070	20.116	ug/l	99
48) Methyl methacrylate	7.690	41	68594	21.505	ug/l	96
49) 1,4-Dioxane	7.732	88	27519	404.663	ug/l #	75
51) 4-Methyl-2-Pentanone	8.574	43	428217	115.006	ug/l	98
52) Toluene	8.720	92	129366	20.616	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	73726	19.481	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	82760	20.411	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	53286	21.620	ug/l	98
56) Ethyl methacrylate	9.116	69	83186	20.842	ug/l	95
57) 1,3-Dichloropropane	9.305	76	94842	21.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	223828	110.237	ug/l	98
59) 2-Hexanone	9.433	43	321469	114.642	ug/l	97
60) Dibromochloromethane	9.519	129	47398	20.175	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54305	20.913	ug/l	100
64) Tetrachloroethene	9.275	164	39049	19.361	ug/l	94
65) Chlorobenzene	10.080	112	134032	20.496	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	47351	20.478	ug/l	98
67) Ethyl Benzene	10.195	91	252083	20.496	ug/l	96
68) m/p-Xylenes	10.299	106	185717	40.851	ug/l	94
69) o-Xylene	10.640	106	93566	20.741	ug/l	95
70) Styrene	10.653	104	151623	20.854	ug/l	97
71) Bromoform	10.799	173	27897	18.336	ug/l #	96
73) Isopropylbenzene	10.964	105	243601	20.725	ug/l	98
74) N-amyl acetate	10.842	43	111934	20.425	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	83328	21.855	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71614m	20.990	ug/l	
77) Bromobenzene	11.195	156	54035	20.255	ug/l	90
78) n-propylbenzene	11.305	91	285217	20.643	ug/l	97
79) 2-Chlorotoluene	11.366	91	179927	20.800	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	208378	20.859	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19027	17.973	ug/l #	83
82) 4-Chlorotoluene	11.451	91	208383	20.917	ug/l	98
83) tert-Butylbenzene	11.713	119	200110	20.608	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	206879	20.625	ug/l	97
85) sec-Butylbenzene	11.890	105	250350	20.534	ug/l	98
86) p-Isopropyltoluene	12.006	119	208047	20.756	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	102976	20.319	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	104878	20.494	ug/l	98
89) n-Butylbenzene	12.329	91	182732	20.041	ug/l	97
90) Hexachloroethane	12.536	117	28280	18.615	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	103282	20.811	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17050	20.082	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	60356	20.198	ug/l	98
94) Hexachlorobutadiene	13.725	225	22647	19.094	ug/l	99
95) Naphthalene	13.774	128	217664	21.270	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60577	20.612	ug/l	98

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

