

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037380.D
 Acq On : 30 Aug 2023 11:38
 Operator : JC/MD
 Sample : VX0830MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 02:19:42 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	130628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80732	42.869	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.740%		
35) Dibromofluoromethane	5.385	113	67693	46.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.040%		
50) Toluene-d8	8.647	98	238318	45.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.300%#		
62) 4-Bromofluorobenzene	11.079	95	97051	46.783	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29595	19.504	ug/l	98
3) Chloromethane	1.307	50	26420	19.902	ug/l	95
4) Vinyl Chloride	1.374	62	27616	19.112	ug/l	96
5) Bromomethane	1.599	94	13690	19.020	ug/l	97
6) Chloroethane	1.678	64	18511	21.770	ug/l	99
7) Trichlorofluoromethane	1.886	101	43901	18.547	ug/l	99
8) Diethyl Ether	2.136	74	17754	19.387	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	26025	18.847	ug/l	96
10) Methyl Iodide	2.447	142	27052	16.119	ug/l	93
11) Tert butyl alcohol	2.965	59	40381	91.409	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	24306	18.076	ug/l	82
13) Acrolein	2.233	56	23997	71.405	ug/l	99
14) Allyl chloride	2.660	41	36928	17.742	ug/l #	90
15) Acrylonitrile	3.062	53	79122	100.346	ug/l	98
16) Acetone	2.379	43	70336	95.469	ug/l #	88
17) Carbon Disulfide	2.507	76	55096	16.108	ug/l	99
18) Methyl Acetate	2.703	43	51640	18.616	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	94127	18.457	ug/l	95
20) Methylene Chloride	2.788	84	30592	18.568	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	26964	17.640	ug/l	87
22) Diisopropyl ether	3.757	45	78969	18.490	ug/l #	96
23) Vinyl Acetate	3.721	43	303970	92.875	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	49141	18.348	ug/l	97
25) 2-Butanone	4.556	43	105327	94.948	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	42091	17.597	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	32685	18.138	ug/l	88
28) Bromochloromethane	4.903	49	23361	19.525	ug/l #	68
29) Tetrahydrofuran	5.007	42	66984	94.685	ug/l #	84
30) Chloroform	5.092	83	54427	18.103	ug/l	98
31) Cyclohexane	5.470	56	39924	18.854	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	48142	17.869	ug/l	96
36) 1,1-Dichloropropene	5.690	75	36924	17.859	ug/l	95
37) Ethyl Acetate	4.714	43	38878	18.408	ug/l #	92
38) Carbon Tetrachloride	5.678	117	40624	18.088	ug/l	96
39) Methylcyclohexane	7.379	83	47649	21.935	ug/l	92
40) Benzene	6.037	78	114755	19.353	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20793	18.938	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	42569	18.306	ug/l	95
43) Isopropyl Acetate	6.342	43	62470	18.631	ug/l #	90
44) Trichloroethene	7.129	130	30612	18.206	ug/l	91
45) 1,2-Dichloropropane	7.433	63	28479	19.478	ug/l	97
46) Dibromomethane	7.580	93	22348	19.403	ug/l	93
47) Bromodichloromethane	7.824	83	40829	18.507	ug/l	96
48) Methyl methacrylate	7.696	41	30452	18.623	ug/l #	83
49) 1,4-Dioxane	7.659	88	18929	429.823	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	203132	99.767	ug/l	90
52) Toluene	8.720	92	75249	19.207	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	43418	18.484	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	47996	18.908	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	31896	19.993	ug/l	93
56) Ethyl methacrylate	9.116	69	48312	19.334	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	53991	20.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	126924	105.842	ug/l	91
59) 2-Hexanone	9.433	43	158498	102.096	ug/l	88
60) Dibromochloromethane	9.525	129	32573	19.177	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34313	19.645	ug/l	99
64) Tetrachloroethene	9.275	164	24970	16.853	ug/l	98
65) Chlorobenzene	10.079	112	83152	19.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30428	19.207	ug/l	98
67) Ethyl Benzene	10.195	91	142887	18.918	ug/l	98
68) m/p-Xylenes	10.299	106	112644	38.619	ug/l	99
69) o-Xylene	10.640	106	56468	19.622	ug/l	98
70) Styrene	10.652	104	92982	19.615	ug/l	97
71) Bromoform	10.799	173	22483	18.972	ug/l #	98
73) Isopropylbenzene	10.963	105	146565	19.237	ug/l	99
74) N-amyl acetate	10.841	43	54605	18.445	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	52272	20.372	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	42470m	19.024	ug/l	
77) Bromobenzene	11.195	156	35090	18.858	ug/l	94
78) n-propylbenzene	11.305	91	164937	19.441	ug/l	99
79) 2-Chlorotoluene	11.366	91	103875	19.159	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	126720	19.938	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13460	16.840	ug/l	93
82) 4-Chlorotoluene	11.457	91	118046	18.862	ug/l	98
83) tert-Butylbenzene	11.713	119	125455	20.698	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	127782	19.893	ug/l	98
85) sec-Butylbenzene	11.890	105	154467	21.818	ug/l	99
86) p-Isopropyltoluene	12.006	119	131069	21.505	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66247	19.016	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	66773	18.552	ug/l	98
89) n-Butylbenzene	12.329	91	107103	21.196	ug/l	99
90) Hexachloroethane	12.536	117	22023	21.649	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	67597	19.815	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11607	19.468	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	41420	20.751	ug/l	97
94) Hexachlorobutadiene	13.725	225	18591	24.109	ug/l	97
95) Naphthalene	13.774	128	149484	17.096	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41929	21.143	ug/l	98

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

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