

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
 Data File : VX036347.D
 Acq On : 27 Jun 2023 13:39
 Operator : JC/MD
 Sample : VX0627MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2023
 Supervised By : Mahesh Dadoda 06/28/2023

Quant Time: Jun 28 04:20:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	245180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	422740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192086	54.656	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.320%			
35) Dibromofluoromethane	5.385	113	153947	55.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.460%			
50) Toluene-d8	8.646	98	534972	51.385	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.780%			
62) 4-Bromofluorobenzene	11.079	95	200151	54.580	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41023	17.673	ug/l	96
3) Chloromethane	1.300	50	65537	16.276	ug/l	99
4) Vinyl Chloride	1.373	62	68988	15.671	ug/l	98
5) Bromomethane	1.617	94	55263	17.156	ug/l	97
6) Chloroethane	1.690	64	55549	17.189	ug/l	100
7) Trichlorofluoromethane	1.892	101	112201	16.765	ug/l	98
8) Diethyl Ether	2.135	74	51324	19.865	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.330	101	52458	18.676	ug/l	95
10) Methyl Iodide	2.452	142	68814	20.218	ug/l	92
11) Tert butyl alcohol	3.019	59	79075	123.606	ug/l	99
12) 1,1-Dichloroethene	2.324	96	51672	18.544	ug/l	90
13) Acrolein	2.239	56	76754	87.361	ug/l	99
14) Allyl chloride	2.666	41	94206	20.804	ug/l	97
15) Acrylonitrile	3.068	53	174796	107.796	ug/l	99
16) Acetone	2.398	43	156532	104.202	ug/l	95
17) Carbon Disulfide	2.513	76	121308	17.726	ug/l	99
18) Methyl Acetate	2.708	43	136208	22.050	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	213092	23.664	ug/l	98
20) Methylene Chloride	2.794	84	67459	20.857	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	57151	19.221	ug/l	94
22) Diisopropyl ether	3.757	45	207020	22.815	ug/l	99
23) Vinyl Acetate	3.720	43	764923	116.165	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112009	20.946	ug/l	99
25) 2-Butanone	4.568	43	238687	110.588	ug/l	99
26) 2,2-Dichloropropane	4.476	77	84691	22.331	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	72469	21.732	ug/l	92
28) Bromochloromethane	4.897	49	65708	23.693	ug/l	91
29) Tetrahydrofuran	5.013	42	149925	109.105	ug/l	95
30) Chloroform	5.098	83	117875	21.885	ug/l	99
31) Cyclohexane	5.470	56	82729	18.369	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	95625	21.255	ug/l	99
36) 1,1-Dichloropropene	5.690	75	79211	19.064	ug/l	98
37) Ethyl Acetate	4.708	43	94569	22.331	ug/l	98
38) Carbon Tetrachloride	5.677	117	78455	20.674	ug/l	96
39) Methylcyclohexane	7.378	83	88809	17.845	ug/l	96
40) Benzene	6.037	78	246119	21.204	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	50720	21.590	ug/l	92
42) 1,2-Dichloroethane	6.086	62	101114	22.904	ug/l	99
43) Isopropyl Acetate	6.342	43	156060	23.100	ug/l	97
44) Trichloroethene	7.122	130	64508	19.981	ug/l	98
45) 1,2-Dichloropropane	7.433	63	69134	21.870	ug/l	99
46) Dibromomethane	7.580	93	49598	22.289	ug/l	94
47) Bromodichloromethane	7.823	83	90930	22.597	ug/l	98
48) Methyl methacrylate	7.689	41	77281	22.943	ug/l	93
49) 1,4-Dioxane	7.720	88	34062	456.145	ug/l #	95
51) 4-Methyl-2-Pentanone	8.573	43	491282	112.874	ug/l	98
52) Toluene	8.720	92	150545	20.466	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	100597	24.748	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	107828	23.466	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	69049	22.587	ug/l	97
56) Ethyl methacrylate	9.116	69	106996	23.400	ug/l	97
57) 1,3-Dichloropropane	9.305	76	116773	22.288	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	295735	115.084	ug/l	99
59) 2-Hexanone	9.427	43	371127	116.765	ug/l	99
60) Dibromochloromethane	9.518	129	69168	23.287	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72391	22.313	ug/l	100
64) Tetrachloroethene	9.274	164	55948	20.582	ug/l	99
65) Chlorobenzene	10.079	112	173346	21.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	62720	22.928	ug/l	97
67) Ethyl Benzene	10.195	91	295371	20.530	ug/l	98
68) m/p-Xylenes	10.299	106	226978	40.605	ug/l	99
69) o-Xylene	10.640	106	113282	20.986	ug/l	99
70) Styrene	10.652	104	190794	21.587	ug/l	97
71) Bromoform	10.799	173	48556	24.747	ug/l #	99
73) Isopropylbenzene	10.963	105	287922	20.139	ug/l	98
74) N-amyl acetate	10.841	43	137534	24.321	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	105846	21.863	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	90879m	22.459	ug/l	
77) Bromobenzene	11.195	156	76475	21.754	ug/l	91
78) n-propylbenzene	11.305	91	334484	20.033	ug/l	99
79) 2-Chlorotoluene	11.365	91	204970	20.637	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	247869	20.472	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29134	23.469	ug/l	96
82) 4-Chlorotoluene	11.451	91	236638	20.464	ug/l	96
83) tert-Butylbenzene	11.713	119	233666	20.138	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	251248	20.975	ug/l	97
85) sec-Butylbenzene	11.890	105	290108	19.736	ug/l	99
86) p-Isopropyltoluene	12.006	119	244947	19.855	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	135977	21.038	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	138149	20.991	ug/l	98
89) n-Butylbenzene	12.329	91	213364	19.434	ug/l	97
90) Hexachloroethane	12.536	117	38105	20.394	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	138650	21.786	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.938	75	22288	24.237	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	87534	22.330	ug/l	96
94) Hexachlorobutadiene	13.725	225	30579	19.047	ug/l	97
95) Naphthalene	13.774	128	307224	23.723	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	89397	23.379	ug/l	99

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

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