

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
 Data File : VX036346.D
 Acq On : 27 Jun 2023 13:13
 Operator : JC/MD
 Sample : VX0627MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627MBS01

Quant Time: Jun 28 04:19:14 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	252897	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	437525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195699	53.984	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.960%			
35) Dibromofluoromethane	5.385	113	152455	52.845	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.700%			
50) Toluene-d8	8.647	98	551771	51.208	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.420%			
62) 4-Bromofluorobenzene	11.079	95	200437	52.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41886	17.494	ug/l	99
3) Chloromethane	1.301	50	68292	16.442	ug/l	97
4) Vinyl Chloride	1.374	62	75806	16.695	ug/l	99
5) Bromomethane	1.618	94	56663	17.054	ug/l	96
6) Chloroethane	1.691	64	60284	18.084	ug/l	96
7) Trichlorofluoromethane	1.892	101	116241	16.838	ug/l	98
8) Diethyl Ether	2.136	74	49207	18.465	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	53710	18.538	ug/l	97
10) Methyl Iodide	2.453	142	67696	19.283	ug/l	93
11) Tert butyl alcohol	3.014	59	76731	116.282	ug/l	97
12) 1,1-Dichloroethene	2.325	96	54048	18.805	ug/l	92
13) Acrolein	2.239	56	76902	84.858	ug/l	99
14) Allyl chloride	2.666	41	98498	21.088	ug/l	98
15) Acrylonitrile	3.068	53	168716	100.871	ug/l	99
16) Acetone	2.398	43	155899	100.614	ug/l	96
17) Carbon Disulfide	2.514	76	123566	17.505	ug/l	100
18) Methyl Acetate	2.709	43	134446	21.100	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	206276	22.208	ug/l	97
20) Methylene Chloride	2.788	84	66630	19.972	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	58639	19.120	ug/l	95
22) Diisopropyl ether	3.764	45	205463	21.953	ug/l #	84
23) Vinyl Acetate	3.721	43	747258	110.020	ug/l	99
24) 1,1-Dichloroethane	3.611	63	116255	21.077	ug/l	99
25) 2-Butanone	4.562	43	235759	105.898	ug/l	95
26) 2,2-Dichloropropane	4.477	77	91053	23.276	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	70914	20.617	ug/l	95
28) Bromochloromethane	4.904	49	65341	22.842	ug/l	92
29) Tetrahydrofuran	5.013	42	148805	104.985	ug/l	95
30) Chloroform	5.093	83	119053	21.430	ug/l	100
31) Cyclohexane	5.471	56	83783	18.035	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	99161	21.368	ug/l	98
36) 1,1-Dichloropropene	5.696	75	79611	18.513	ug/l	96
37) Ethyl Acetate	4.715	43	95386	21.763	ug/l	98
38) Carbon Tetrachloride	5.678	117	81616	20.780	ug/l	98
39) Methylcyclohexane	7.379	83	86784	16.849	ug/l	97
40) Benzene	6.037	78	251389	20.927	ug/l	100

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41) Methacrylonitrile	4.916	41	51056	20.998	ug/l	94
42) 1,2-Dichloroethane	6.086	62	97915	21.429	ug/l	98
43) Isopropyl Acetate	6.342	43	153059	21.891	ug/l	98
44) Trichloroethene	7.129	130	66071	19.774	ug/l	94
45) 1,2-Dichloropropane	7.434	63	68798	21.028	ug/l	99
46) Dibromomethane	7.580	93	48350	20.994	ug/l	94
47) Bromodichloromethane	7.824	83	89960	21.600	ug/l	99
48) Methyl methacrylate	7.696	41	74968	21.504	ug/l	92
49) 1,4-Dioxane	7.714	88	33833	437.768	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	481069	106.792	ug/l	98
52) Toluene	8.720	92	155368	20.408	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	99920	23.751	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	107178	22.537	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	68630	21.691	ug/l	96
56) Ethyl methacrylate	9.116	69	104910	22.168	ug/l	97
57) 1,3-Dichloropropane	9.305	76	113698	20.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	291475	109.593	ug/l	100
59) 2-Hexanone	9.427	43	362071	110.066	ug/l	98
60) Dibromochloromethane	9.519	129	68086	22.148	ug/l	99
61) 1,2-Dibromoethane	9.610	107	71093	21.173	ug/l	100
64) Tetrachloroethene	9.275	164	57785	20.684	ug/l	96
65) Chlorobenzene	10.079	112	171268	20.592	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	63498	22.587	ug/l	99
67) Ethyl Benzene	10.195	91	300617	20.331	ug/l	98
68) m/p-Xylenes	10.299	106	230726	40.163	ug/l	97
69) o-Xylene	10.640	106	116020	20.913	ug/l	97
70) Styrene	10.653	104	189416	20.853	ug/l	98
71) Bromoform	10.799	173	45609	22.618	ug/l #	97
73) Isopropylbenzene	10.963	105	290551	20.269	ug/l	98
74) N-amyl acetate	10.841	43	130210	22.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	102680	21.152	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85300m	21.023	ug/l	
77) Bromobenzene	11.195	156	73477	20.846	ug/l	93
78) n-propylbenzene	11.305	91	329739	19.696	ug/l	99
79) 2-Chlorotoluene	11.366	91	202829	20.366	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	243807	20.083	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29055	23.343	ug/l	94
82) 4-Chlorotoluene	11.451	91	235027	20.271	ug/l	97
83) tert-Butylbenzene	11.713	119	230210	19.787	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	245439	20.435	ug/l	96
85) sec-Butylbenzene	11.890	105	284753	19.319	ug/l	100
86) p-Isopropyltoluene	12.006	119	239516	19.363	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	131736	20.328	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	131999	20.003	ug/l	99
89) n-Butylbenzene	12.329	91	204591	18.585	ug/l	97
90) Hexachloroethane	12.536	117	36814	19.650	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	134539	21.084	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21546	23.368	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	81124	20.640	ug/l	95
94) Hexachlorobutadiene	13.725	225	29732	18.470	ug/l	98
95) Naphthalene	13.774	128	289979	22.332	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83220	21.706	ug/l	99

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

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