

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037348.D
 Acq On : 29 Aug 2023 17:41
 Operator : JC/MD
 Sample : VX0829MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829MBS01

Quant Time: Aug 30 02:08:34 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

Manual Integrations APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	94846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90289	66.031	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 132.060%#			
35) Dibromofluoromethane	5.385	113	74317	58.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.000%			
50) Toluene-d8	8.647	98	250110	53.812	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.620%			
62) 4-Bromofluorobenzene	11.079	95	102044	55.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17488	15.873	ug/l	95
3) Chloromethane	1.301	50	22965	23.826	ug/l	97
4) Vinyl Chloride	1.374	62	20759	19.786	ug/l	91
5) Bromomethane	1.593	94	7602	14.546	ug/l	89
6) Chloroethane	1.666	64	16409	26.578	ug/l	98
7) Trichlorofluoromethane	1.874	101	29111	16.939	ug/l	99
8) Diethyl Ether	2.136	74	16139	24.272	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.319	101	15686	15.645	ug/l	97
10) Methyl Iodide	2.447	142	13661	11.211	ug/l	93
11) Tert butyl alcohol	2.977	59	40482	126.209	ug/l #	94
12) 1,1-Dichloroethene	2.313	96	17748	18.178	ug/l	86
13) Acrolein	2.239	56	22885	93.786	ug/l	97
14) Allyl chloride	2.660	41	30512	20.190	ug/l #	90
15) Acrylonitrile	3.069	53	74627	130.351	ug/l	97
16) Acetone	2.386	43	62412	116.673	ug/l #	89
17) Carbon Disulfide	2.508	76	39945	16.084	ug/l	99
18) Methyl Acetate	2.703	43	49154	24.405	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	85785	23.167	ug/l	94
20) Methylene Chloride	2.788	84	27260	22.788	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	21217	19.116	ug/l	87
22) Diisopropyl ether	3.764	45	69707	22.479	ug/l #	84
23) Vinyl Acetate	3.721	43	270074	113.650	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	42294	21.749	ug/l	97
25) 2-Butanone	4.562	43	98360	122.119	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	25886	14.905	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	28601	21.859	ug/l	84
28) Bromochloromethane	4.904	49	22891	26.351	ug/l #	75
29) Tetrahydrofuran	5.007	42	62012	120.727	ug/l #	81
30) Chloroform	5.093	83	47619	21.814	ug/l	97
31) Cyclohexane	5.471	56	23849	15.512	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	36091	18.449	ug/l	96
36) 1,1-Dichloropropene	5.690	75	26303	14.449	ug/l	97
37) Ethyl Acetate	4.715	43	36794	19.786	ug/l #	94
38) Carbon Tetrachloride	5.678	117	28675	14.501	ug/l	98
39) Methylcyclohexane	7.379	83	25733	13.454	ug/l	91
40) Benzene	6.038	78	97753	18.723	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19138	19.797	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	38882	18.991	ug/l	93
43) Isopropyl Acetate	6.342	43	57129	19.351	ug/l #	92
44) Trichloroethene	7.129	130	23556	15.911	ug/l	100
45) 1,2-Dichloropropane	7.434	63	24877	19.324	ug/l	99
46) Dibromomethane	7.580	93	20126	19.845	ug/l	92
47) Bromodichloromethane	7.824	83	35285	18.165	ug/l	95
48) Methyl methacrylate	7.696	41	28178	19.571	ug/l #	84
49) 1,4-Dioxane	7.665	88	16632	428.928	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	191495	106.818	ug/l	90
52) Toluene	8.720	92	62948	18.248	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	34943	16.895	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	39066	17.479	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	28766	20.479	ug/l	96
56) Ethyl methacrylate	9.116	69	43682	19.854	ug/l	85
57) 1,3-Dichloropropane	9.311	76	47856	20.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	123585	117.046	ug/l	92
59) 2-Hexanone	9.433	43	149317	109.237	ug/l	88
60) Dibromochloromethane	9.519	129	28569	19.103	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31123	20.237	ug/l	99
64) Tetrachloroethene	9.275	164	17775	12.870	ug/l	98
65) Chlorobenzene	10.079	112	69392	17.342	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	26693	18.075	ug/l	99
67) Ethyl Benzene	10.195	91	114152	16.213	ug/l	99
68) m/p-Xylenes	10.305	106	89390	32.876	ug/l	98
69) o-Xylene	10.640	106	46714	17.414	ug/l	100
70) Styrene	10.659	104	78418	17.746	ug/l	96
71) Bromoform	10.799	173	20023	18.126	ug/l #	100
73) Isopropylbenzene	10.963	105	109214	16.535	ug/l	99
74) N-amyl acetate	10.842	43	49236	19.184	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	47992	21.575	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38500m	19.894	ug/l	
77) Bromobenzene	11.201	156	29763	18.451	ug/l	93
78) n-propylbenzene	11.305	91	118070	16.053	ug/l	100
79) 2-Chlorotoluene	11.366	91	83917	17.855	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	95736	17.376	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10331	14.910	ug/l	96
82) 4-Chlorotoluene	11.457	91	92655	17.078	ug/l	97
83) tert-Butylbenzene	11.713	119	94822	18.045	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	98295	17.652	ug/l	97
85) sec-Butylbenzene	11.890	105	102243	16.658	ug/l	98
86) p-Isopropyltoluene	12.006	119	87862	16.629	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	53036	17.561	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	52779	16.915	ug/l	98
89) n-Butylbenzene	12.329	91	65959	15.057	ug/l	99
90) Hexachloroethane	12.536	117	15150	17.179	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	55638	18.813	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10187	19.709	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	29097	16.815	ug/l	97
94) Hexachlorobutadiene	13.725	225	10028	15.001	ug/l	97
95) Naphthalene	13.774	128	122354	16.142	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31474	18.308	ug/l	99

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

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