

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039554.D
 Acq On : 29 Dec 2023 18:34
 Operator : JC/MD
 Sample : 06017-02MS
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MS

Quant Time: Dec 30 02:06:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/01/2024
 Supervised By : Mahesh Dadoda 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	109420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95886	47.835	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.680%		
35) Dibromofluoromethane	5.391	113	69392	50.206	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.420%		
50) Toluene-d8	8.647	98	257156	50.115	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.240%		
62) 4-Bromofluorobenzene	11.085	95	104535	49.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	63978	41.610	ug/l	98
3) Chloromethane	1.301	50	73578	43.165	ug/l	97
4) Vinyl Chloride	1.374	62	73603	46.429	ug/l	99
5) Bromomethane	1.599	94	29762	32.632	ug/l	100
6) Chloroethane	1.666	64	20995	21.977	ug/l	93
7) Trichlorofluoromethane	1.843	101	56169	24.197	ug/l	99
8) Diethyl Ether	2.142	74	41090	51.144	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.288	101	67136	47.394	ug/l	98
10) Methyl Iodide	2.428	142	58029	39.632	ug/l	92
11) Tert butyl alcohol	3.221	59	123806m	245.958	ug/l	
12) 1,1-Dichloroethene	2.282	96	61223	43.510	ug/l	94
13) Acrolein	2.252	56	115230	286.953	ug/l	99
14) Allyl chloride	2.648	41	91701	32.171	ug/l #	93
15) Acrylonitrile	3.093	53	264807	262.825	ug/l	100
16) Acetone	2.422	43	234565	196.574	ug/l	96
17) Carbon Disulfide	2.477	76	154499	37.521	ug/l	99
18) Methyl Acetate	2.727	43	253126	58.383	ug/l	98
19) Methyl tert-butyl Ether	3.136	73	252529	49.624	ug/l	95
20) Methylene Chloride	2.776	84	78879	47.205	ug/l	97
21) trans-1,2-Dichloroethene	3.075	96	72572	47.398	ug/l	98
22) Diisopropyl ether	3.782	45	262421	50.575	ug/l	87
23) Vinyl Acetate	3.733	43	931447	241.129	ug/l	99
24) 1,1-Dichloroethane	3.599	63	141952	48.397	ug/l	100
25) 2-Butanone	4.599	43	365737	211.442	ug/l	97
26) 2,2-Dichloropropane	4.465	77	100277	39.160	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	83768	49.568	ug/l	99
28) Bromochloromethane	4.904	49	64664	45.183	ug/l	93
29) Tetrahydrofuran	5.038	42	256389	268.404	ug/l	100
30) Chloroform	5.099	83	140536	47.946	ug/l	99
31) Cyclohexane	5.452	56	140872	54.411	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	116362	45.730	ug/l	98
36) 1,1-Dichloropropene	5.684	75	104925	48.107	ug/l	98
37) Ethyl Acetate	4.739	43	155417	57.677	ug/l	98
38) Carbon Tetrachloride	5.666	117	92665	44.520	ug/l	99
39) Methylcyclohexane	7.373	83	157073	59.954	ug/l	98
40) Benzene	6.031	78	313695	50.844	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	65414	45.499	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	118698	47.528	ug/l	98
43) Isopropyl Acetate	6.361	43	216852	49.489	ug/l	100
44) Trichloroethene	7.123	130	72548	46.597	ug/l	94
45) 1,2-Dichloropropane	7.428	63	80647	48.705	ug/l	100
46) Dibromomethane	7.580	93	54327	46.673	ug/l	95
47) Bromodichloromethane	7.824	83	95901	43.091	ug/l	99
48) Methyl methacrylate	7.702	41	122808	47.940	ug/l	92
49) 1,4-Dioxane	7.702	88	20519	594.228	ug/l #	87
51) 4-Methyl-2-Pentanone	8.586	43	728810	261.047	ug/l	100
52) Toluene	8.720	92	187925	50.465	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	107144	43.728	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	118637	45.000	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	74993	48.239	ug/l	86
56) Ethyl methacrylate	9.122	69	111229	58.608	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	129502	48.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	303522	272.367	ug/l	94
59) 2-Hexanone	9.445	43	562354	233.391	ug/l	99
60) Dibromochloromethane	9.525	129	67701	43.060	ug/l	100
61) 1,2-Dibromoethane	9.610	107	79743	48.049	ug/l	99
64) Tetrachloroethene	9.275	164	54901	46.948	ug/l	95
65) Chlorobenzene	10.080	112	181923	46.575	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	63370	45.930	ug/l	98
67) Ethyl Benzene	10.195	91	396501	54.533	ug/l	98
68) m/p-Xylenes	10.305	106	265801	101.960	ug/l	94
69) o-Xylene	10.640	106	124758	49.497	ug/l	93
70) Styrene	10.659	104	182311	49.476	ug/l	96
71) Bromoform	10.805	173	43766	42.676	ug/l #	99
73) Isopropylbenzene	10.964	105	401679	58.194	ug/l	99
74) N-amyl acetate	10.848	43	206137	59.026	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.220	83	135767	52.874	ug/l	90
76) 1,2,3-Trichloropropane	11.244	75	114256m	49.364	ug/l	
77) Bromobenzene	11.201	156	71037	46.540	ug/l	89
78) n-propylbenzene	11.305	91	788206	92.682	ug/l	97
79) 2-Chlorotoluene	11.366	91	243804	47.395	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	297058	50.519	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	33412	40.723	ug/l	95
82) 4-Chlorotoluene	11.457	91	282006	46.674	ug/l	96
83) tert-Butylbenzene	11.713	119	279230	49.897	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	307997	51.077	ug/l	99
85) sec-Butylbenzene	11.890	105	399028	56.035	ug/l	95
86) p-Isopropyltoluene	12.012	119	315196	52.742	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	138172	46.078	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	140293	44.933	ug/l	97
89) n-Butylbenzene	12.335	91	502469	85.529	ug/l	90
90) Hexachloroethane	12.536	117	54347	50.343	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	134903	47.018	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39856	58.930	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	95436	50.797	ug/l	91
94) Hexachlorobutadiene	13.725	225	43177	60.983	ug/l	98
95) Naphthalene	13.774	128	1009922	154.354	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94847	52.295	ug/l	93

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

