

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033949.D
 Acq On : 30 Jan 2023 16:27
 Operator : JC/MD
 Sample : VX0130MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130MBS01

Quant Time: Jan 31 04:48:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2023
 Supervised By : Semsettin Yesilyurt 01/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	146387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207102	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74796	48.527	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.060%		
35) Dibromofluoromethane	5.379	113	68189	53.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.040%		
50) Toluene-d8	8.647	98	240518	51.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.660%		
62) 4-Bromofluorobenzene	11.079	95	91233	52.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	18788	16.241	ug/l	99
3) Chloromethane	1.294	50	21976	17.196	ug/l	95
4) Vinyl Chloride	1.374	62	21987	17.730	ug/l	100
5) Bromomethane	1.605	94	13968	19.604	ug/l	99
6) Chloroethane	1.685	64	13903	18.134	ug/l	96
7) Trichlorofluoromethane	1.886	101	33867	16.840	ug/l	98
8) Diethyl Ether	2.130	74	14065	21.360	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	22183	19.584	ug/l	93
10) Methyl Iodide	2.453	142	29690	18.260	ug/l	93
11) Tert butyl alcohol	2.953	59	22674	84.681	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	20302	17.045	ug/l	92
13) Acrolein	2.233	56	29867	120.895	ug/l	99
14) Allyl chloride	2.666	41	37053	16.493	ug/l	88
15) Acrylonitrile	3.056	53	68429	97.107	ug/l	99
16) Acetone	2.374	43	57033	94.093	ug/l	95
17) Carbon Disulfide	2.514	76	42150	15.295	ug/l	100
18) Methyl Acetate	2.697	43	42172	19.605	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	73215	17.698	ug/l	97
20) Methylene Chloride	2.788	84	25183	17.145	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	22659	16.273	ug/l	98
22) Diisopropyl ether	3.757	45	80007	17.700	ug/l	90
23) Vinyl Acetate	3.715	43	299227	87.938	ug/l	100
24) 1,1-Dichloroethane	3.611	63	42722	17.275	ug/l	99
25) 2-Butanone	4.550	43	90590	89.953	ug/l	97
26) 2,2-Dichloropropane	4.477	77	28048	15.834	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	28584	17.855	ug/l	94
28) Bromochloromethane	4.891	49	19749	17.532	ug/l	93
29) Tetrahydrofuran	5.001	42	58581	92.294	ug/l	96
30) Chloroform	5.093	83	44437	17.544	ug/l	98
31) Cyclohexane	5.464	56	35706	15.743	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	36983	17.101	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30993	16.513	ug/l	98
37) Ethyl Acetate	4.708	43	35296	17.873	ug/l	99
38) Carbon Tetrachloride	5.672	117	32287	16.610	ug/l	96
39) Methylcyclohexane	7.379	83	37407	16.139	ug/l	94
40) Benzene	6.038	78	95706	17.495	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21011	20.315	ug/l	98
42) 1,2-Dichloroethane	6.080	62	34602	17.848	ug/l	99
43) Isopropyl Acetate	6.336	43	53652	18.108	ug/l	98
44) Trichloroethene	7.123	130	28591	18.690	ug/l	95
45) 1,2-Dichloropropane	7.428	63	24827	18.117	ug/l	99
46) Dibromomethane	7.580	93	18138	18.949	ug/l	95
47) Bromodichloromethane	7.818	83	34137	18.505	ug/l	96
48) Methyl methacrylate	7.690	41	28039	18.786	ug/l	96
49) 1,4-Dioxane	7.665	88	12544	379.949	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	178606	98.152	ug/l	99
52) Toluene	8.714	92	62717	17.753	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	32594	17.668	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	37632	18.205	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	27547	19.699	ug/l	97
56) Ethyl methacrylate	9.116	69	38073	19.346	ug/l	97
57) 1,3-Dichloropropane	9.305	76	44750	19.735	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	88189	90.989	ug/l	98
59) 2-Hexanone	9.427	43	131609	103.913	ug/l	98
60) Dibromochloromethane	9.519	129	28820	19.879	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28068	20.112	ug/l	97
64) Tetrachloroethene	9.269	164	26303	19.150	ug/l	99
65) Chlorobenzene	10.079	112	71772	18.643	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	27798	19.620	ug/l	97
67) Ethyl Benzene	10.195	91	118559	17.936	ug/l	98
68) m/p-Xylenes	10.299	106	95938	37.107	ug/l	98
69) o-Xylene	10.640	106	47971	18.709	ug/l	98
70) Styrene	10.653	104	79334	19.025	ug/l	100
71) Bromoform	10.799	173	22234	18.727	ug/l #	97
73) Isopropylbenzene	10.963	105	124482	17.158	ug/l	98
74) N-amyl acetate	10.842	43	46079	17.447	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	40025	18.568	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	36646m	19.830	ug/l	
77) Bromobenzene	11.195	156	34630	17.929	ug/l	97
78) n-propylbenzene	11.305	91	136959	16.688	ug/l	100
79) 2-Chlorotoluene	11.366	91	83244	16.796	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	104330	17.238	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9872	16.602	ug/l	94
82) 4-Chlorotoluene	11.451	91	95902	16.930	ug/l	98
83) tert-Butylbenzene	11.713	119	109343	18.196	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	104684	18.285	ug/l	100
85) sec-Butylbenzene	11.890	105	130137	18.106	ug/l	99
86) p-Isopropyltoluene	12.006	119	112898	18.347	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63169	18.587	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	62710	18.114	ug/l	98
89) n-Butylbenzene	12.329	91	88322	17.544	ug/l	99
90) Hexachloroethane	12.536	117	17366	17.156	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	62469	19.049	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7711	18.788	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	44133	19.979	ug/l	98
94) Hexachlorobutadiene	13.725	225	20917	19.330	ug/l	99
95) Naphthalene	13.774	128	130019	20.458	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	45003	20.360	ug/l	99

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

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