

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013062.D
 Acq On : 14 Oct 2019 19:13
 Operator : JC/SP
 Sample : VX1014MBS01
 Misc : 5.00µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 11:04:31 AM

Quant Time: Oct 15 06:35:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125470	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115559	50.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.10%	
35) Dibromofluoromethane	5.49	113	92705	53.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.20%	
50) Toluene-d8	8.71	98	349600	51.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.14	95	128015	48.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	34097	18.288	ug/l	99
3) Chloromethane	1.32	50	36484	17.981	ug/l	99
4) Vinyl Chloride	1.40	62	37175	17.751	ug/l	100
5) Bromomethane	1.63	94	18567	21.327	ug/l	100
6) Chloroethane	1.72	64	24580	19.440	ug/l	98
7) Trichlorofluoromethane	1.92	101	55809	19.744	ug/l	95
8) Diethyl Ether	2.18	74	22182	19.441	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35715	19.523	ug/l	98
10) Methyl Iodide	2.50	142	35814	20.606	ug/l	97
11) Tert butyl alcohol	3.03	59	59170	97.636	ug/l	96
12) 1,1-Dichloroethene	2.36	96	36295	19.636	ug/l	94
13) Acrolein	2.28	56	21968	51.008	ug/l	96
14) Allyl chloride	2.72	41	61073	18.554	ug/l	98
15) Acrylonitrile	3.13	53	116653	101.573	ug/l	99
16) Acetone	2.44	43	97743	81.114	ug/l	100
17) Carbon Disulfide	2.56	76	85376	16.199	ug/l	98
18) Methyl Acetate	2.76	43	56235	19.689	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	128957	20.203	ug/l	99
20) Methylene Chloride	2.84	84	41876	18.909	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	38827	19.599	ug/l	97
22) Diisopropyl ether	3.84	45	125612	19.915	ug/l	# 86
23) Vinyl Acetate	3.80	43	528763	97.108	ug/l	99
24) 1,1-Dichloroethane	3.69	63	71400	20.122	ug/l	100
25) 2-Butanone	4.66	43	157419	94.163	ug/l	98
26) 2,2-Dichloropropane	4.57	77	48422	16.228	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	44720	19.583	ug/l	99
28) Bromochloromethane	5.00	49	23553	21.959	ug/l	99
29) Tetrahydrofuran	5.12	42	101723	98.880	ug/l	98
30) Chloroform	5.20	83	72522	19.918	ug/l	96
31) Cyclohexane	5.57	56	61923	18.663	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	61726	20.008	ug/l	99
36) 1,1-Dichloropropene	5.79	75	52033	19.639	ug/l	98
37) Ethyl Acetate	4.82	43	60707	20.491	ug/l	99
38) Carbon Tetrachloride	5.78	117	51709	20.051	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62658	19.501	ug/l	95
40) Benzene	6.14	78	163262	20.864	ug/l	97
41) Methacrylonitrile	5.03	41	32722	20.101	ug/l	98
42) 1,2-Dichloroethane	6.18	62	57780	20.578	ug/l	99
43) Isopropyl Acetate	6.43	43	96561	20.307	ug/l	99
44) Trichloroethene	7.20	130	42385	19.533	ug/l	99
45) 1,2-Dichloropropane	7.51	63	40711	20.413	ug/l	98
46) Dibromomethane	7.65	93	27983	21.059	ug/l	98
47) Bromodichloromethane	7.89	83	53150	20.497	ug/l	100
48) Methyl methacrylate	7.76	41	46015	19.858	ug/l	99
49) 1,4-Dioxane	7.73	88	23776	404.025	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	307354	103.673	ug/l	100
52) Toluene	8.78	92	103028	20.580	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	54193	18.189	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	63184	19.811	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	41724	21.060	ug/l	99
56) Ethyl methacrylate	9.17	69	65859	19.715	ug/l	98
57) 1,3-Dichloropropane	9.37	76	69767	20.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	152331	104.665	ug/l	100
59) 2-Hexanone	9.48	43	232053	100.552	ug/l	100
60) Dibromochloromethane	9.57	129	40493	19.541	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43312	20.782	ug/l	100
64) Tetrachloroethene	9.33	164	41451	21.781	ug/l	98
65) Chlorobenzene	10.14	112	109718	20.137	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	38236	20.240	ug/l	97
67) Ethyl Benzene	10.25	91	193000	19.941	ug/l	99
68) m/p-Xylenes	10.35	106	147771	40.870	ug/l	99
69) o-Xylene	10.70	106	71369	20.241	ug/l	99
70) Styrene	10.71	104	122710	20.472	ug/l	100
71) Bromoform	10.85	173	27114	18.925	ug/l #	99
73) Isopropylbenzene	11.01	105	189386	20.530	ug/l	99
74) N-amyl acetate	10.89	43	78424	19.740	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	62932	20.511	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59308m	21.311	ug/l	
77) Bromobenzene	11.25	156	45810	21.074	ug/l	96
78) n-propylbenzene	11.35	91	205812	20.276	ug/l	99
79) 2-Chlorotoluene	11.42	91	130446	20.448	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	159338	20.686	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16727	18.278	ug/l	96
82) 4-Chlorotoluene	11.51	91	147511	20.174	ug/l	99
83) tert-Butylbenzene	11.77	119	151959	20.224	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	164338	21.066	ug/l	98
85) sec-Butylbenzene	11.94	105	178734	20.532	ug/l	100
86) p-Isopropyltoluene	12.06	119	162001	20.066	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80051	19.831	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	81271	19.879	ug/l	100
89) n-Butylbenzene	12.39	91	135991	20.041	ug/l	98
90) Hexachloroethane	12.59	117	26718	19.229	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	81022	20.473	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13552	18.845	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48127	19.413	uq/l	99
94) Hexachlorobutadiene	13.78	225	21799	19.054	uq/l	99
95) Naphthalene	13.83	128	168961	19.661	uq/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	50325	19.644	uq/l	100

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

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