

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014244.D
 Acq On : 24 Dec 2019 14:52
 Operator : JC/SP
 Sample : K6401-03MSD 40X
 Misc : 4.72g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B37MSD

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:36 AM

Quant Time: Dec 25 07:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	491168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	770560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	697525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	344337	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	294172	52.84	ug/l	0.00
Spiked Amount			Recovery	=	105.68%	
35) Dibromofluoromethane	5.49	113	243052	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
50) Toluene-d8	8.71	98	926697	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.14	95	335461	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	187342	42.635	ug/l	99
3) Chloromethane	1.32	50	278672	47.257	ug/l	99
4) Vinyl Chloride	1.40	62	292682	47.037	ug/l	100
5) Bromomethane	1.63	94	209122	47.352	ug/l	99
6) Chloroethane	1.71	64	189617	49.375	ug/l	95
7) Trichlorofluoromethane	1.92	101	366691	47.605	ug/l	96
8) Diethyl Ether	2.18	74	182075	50.366	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222102	47.834	ug/l	99
10) Methyl Iodide	2.50	142	294877	48.253	ug/l	99
11) Tert butyl alcohol	3.03	59	318875	265.102	ug/l	99
12) 1,1-Dichloroethene	2.36	96	227644	48.182	ug/l	94
13) Acrolein	2.28	56	189124	274.673	ug/l	98
14) Allyl chloride	2.72	41	440579	52.227	ug/l	98
15) Acrylonitrile	3.13	53	765408	272.629	ug/l	100
16) Acetone	2.43	43	854216	236.364	ug/l	99
17) Carbon Disulfide	2.56	76	581567	44.423	ug/l	100
18) Methyl Acetate	2.76	43	400056	55.864	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	826643	53.244	ug/l	98
20) Methylene Chloride	2.85	84	276590	48.601	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	251446	48.307	ug/l	98
22) Diisopropyl ether	3.84	45	901442	53.624	ug/l	97
23) Vinyl Acetate	3.80	43	3491539	254.516	ug/l	100
24) 1,1-Dichloroethane	3.69	63	477588	51.064	ug/l	99
25) 2-Butanone	4.66	43	1164797	261.422	ug/l	99
26) 2,2-Dichloropropane	4.58	77	354026	48.753	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	300720	51.084	ug/l	99
28) Bromochloromethane	5.00	49	201236	55.893	ug/l	99
29) Tetrahydrofuran	5.11	42	688417	276.235	ug/l	99
30) Chloroform	5.20	83	459299	51.804	ug/l	98
31) Cyclohexane	5.57	56	397711	47.812	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	374088	49.506	ug/l	99
36) 1,1-Dichloropropene	5.79	75	335749	47.487	ug/l	99
37) Ethyl Acetate	4.82	43	418137	53.555	ug/l	100
38) Carbon Tetrachloride	5.78	117	312737	48.554	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	404256	46.306	ug/l	98
40) Benzene	6.14	78	1063637	48.893	ug/l	99
41) Methacrylonitrile	5.03	41	231195	53.368	ug/l	98
42) 1,2-Dichloroethane	6.19	62	373118	50.597	ug/l	99
43) Isopropyl Acetate	6.43	43	687290	53.191	ug/l	99
44) Trichloroethene	7.21	130	347734	57.871	ug/l	100
45) 1,2-Dichloropropane	7.51	63	289265	51.878	ug/l	94
46) Dibromomethane	7.65	93	181649	49.274	ug/l	99
47) Bromodichloromethane	7.89	83	356504	51.348	ug/l	99
48) Methyl methacrylate	7.76	41	335812	53.075	ug/l	99
49) 1,4-Dioxane	7.73	88	124392	966.079	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2156734	265.779	ug/l	99
52) Toluene	8.78	92	673458	48.977	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	400839	52.652	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	447881	52.807	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	282571	51.274	ug/l	99
56) Ethyl methacrylate	9.17	69	459330	53.060	ug/l	100
57) 1,3-Dichloropropane	9.37	76	477291	51.475	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	914468	279.135	ug/l	100
59) 2-Hexanone	9.48	43	1665604	254.975	ug/l	99
60) Dibromochloromethane	9.57	129	290259	52.986	ug/l	99
61) 1,2-Dibromoethane	9.67	107	293356	52.026	ug/l	99
64) Tetrachloroethene	9.33	164	345624	55.997	ug/l	98
65) Chlorobenzene	10.14	112	715096	48.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	268084	50.624	ug/l	99
67) Ethyl Benzene	10.25	91	1884960	73.925	ug/l	100
68) m/p-Xylenes	10.36	106	1804870	184.040	ug/l	99
69) o-Xylene	10.70	106	780163	81.113	ug/l	98
70) Styrene	10.71	104	820880	50.472	ug/l	92
71) Bromoform	10.85	173	218293	51.282	ug/l #	98
73) Isopropylbenzene	11.01	105	1243633	51.297	ug/l	99
74) N-amyl acetate	10.89	43	661803	58.236	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.26	83	446732	53.150	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	356360m	47.670	ug/l	
77) Bromobenzene	11.25	156	323077	48.434	ug/l	99
78) n-propylbenzene	11.35	91	1444334	53.112	ug/l	99
79) 2-Chlorotoluene	11.42	91	846492	51.208	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1185409	58.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	144696	54.633	ug/l	97
82) 4-Chlorotoluene	11.51	91	961565	50.147	ug/l	98
83) tert-Butylbenzene	11.76	119	954802	48.086	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1327946	64.989	ug/l	100
85) sec-Butylbenzene	11.94	105	1230308	52.486	ug/l	99
86) p-Isopropyltoluene	12.06	119	1142859	53.300	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	566468	48.455	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	577043	48.544	ug/l	99
89) n-Butylbenzene	12.39	91	1042550	56.983	ug/l	97
90) Hexachloroethane	12.59	117	198513	51.543	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	588299	49.989	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92599	49.784	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	391077	51.128	ug/l	96
94) Hexachlorobutadiene	13.78	225	193994	52.772	ug/l	99
95) Naphthalene	13.83	128	1274831	56.727	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	395343	52.359	ug/l	99

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

