

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
 Data File : VX006879.D
 Acq On : 02 Jan 2019 14:18
 Operator : JC/MD
 Sample : VX0102MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:21 AM

Quant Time: Jan 03 00:49:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	706079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	990066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	914568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	490959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	407488	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	5.50	113	367718	58.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.46%	
50) Toluene-d8	8.71	98	1360084	57.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.24%	
62) 4-Bromofluorobenzene	11.13	95	512285	59.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	95538	14.791	ug/l	96
3) Chloromethane	1.32	50	109255	15.700	ug/l	98
4) Vinyl Chloride	1.41	62	119740	16.475	ug/l	100
5) Bromomethane	1.64	94	116113	15.809	ug/l	98
6) Chloroethane	1.71	64	78635	15.625	ug/l	98
7) Trichlorofluoromethane	1.93	101	193235	17.053	ug/l	96
8) Diethyl Ether	2.19	74	77466	17.212	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122436	18.402	ug/l	99
10) Methyl Iodide	2.51	142	161831	16.992	ug/l	100
11) Tert butyl alcohol	3.07	59	146319	86.156	ug/l	100
12) 1,1-Dichloroethene	2.37	96	107041	16.967	ug/l	97
13) Acrolein	2.29	56	94588	82.560	ug/l	98
14) Allyl chloride	2.73	41	185891	17.506	ug/l	99
15) Acrylonitrile	3.15	53	338806	89.851	ug/l	99
16) Acetone	2.45	43	316393	90.497	ug/l	99
17) Carbon Disulfide	2.57	76	214981	12.877	ug/l	100
18) Methyl Acetate	2.78	43	200691	19.522	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	396833	18.952	ug/l	99
20) Methylene Chloride	2.85	84	127742	17.670	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	112167	16.047	ug/l	96
22) Diisopropyl ether	3.87	45	365690	18.824	ug/l	96
23) Vinyl Acetate	3.82	43	1444321	90.893	ug/l	99
24) 1,1-Dichloroethane	3.70	63	210449	18.147	ug/l	99
25) 2-Butanone	4.70	43	441051	89.684	ug/l	96
26) 2,2-Dichloropropane	4.59	77	157591	17.592	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	132693	17.206	ug/l	97
28) Bromochloromethane	5.01	49	115183	22.544	ug/l	94
29) Tetrahydrofuran	5.15	42	274579	84.772	ug/l	98
30) Chloroform	5.21	83	208394	17.353	ug/l	100
31) Cyclohexane	5.57	56	171813	16.308	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	177652	17.519	ug/l	98
36) 1,1-Dichloropropene	5.79	75	151069	18.423	ug/l	99
37) Ethyl Acetate	4.85	43	164639	19.290	ug/l	99
38) Carbon Tetrachloride	5.78	117	151520	19.013	ug/l	93

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Quant Time: Jan 03 00:49:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187204	17.341	ug/l	96
40) Benzene	6.14	78	462506	18.556	ug/l	100
41) Methacrylonitrile	5.05	41	92139	20.334	ug/l	99
42) 1,2-Dichloroethane	6.20	62	156647	18.443	ug/l	100
43) Isopropyl Acetate	6.46	43	263016	20.254	ug/l	98
44) Trichloroethene	7.21	130	135937	18.019	ug/l	96
45) 1,2-Dichloropropane	7.51	63	119646	19.725	ug/l	96
46) Dibromomethane	7.66	93	82753	18.548	ug/l	97
47) Bromodichloromethane	7.90	83	138369	18.680	ug/l	95
48) Methyl methacrylate	7.77	41	133312	20.187	ug/l	96
49) 1,4-Dioxane	7.75	88	60213	335.273	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	847252	102.541	ug/l	99
52) Toluene	8.78	92	303004	18.817	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	154801	19.486	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	171369	19.660	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	131454	19.944	ug/l	98
56) Ethyl methacrylate	9.18	69	189564	20.349	ug/l	96
57) 1,3-Dichloropropane	9.37	76	202388	19.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	562012	113.493	ug/l	100
59) 2-Hexanone	9.49	43	646774	102.308	ug/l	98
60) Dibromochloromethane	9.58	129	116457	18.432	ug/l	99
61) 1,2-Dibromoethane	9.67	107	136318	19.456	ug/l	99
64) Tetrachloroethene	9.34	164	140868	19.452	ug/l	96
65) Chlorobenzene	10.13	112	360626	18.638	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	126157	20.898	ug/l	96
67) Ethyl Benzene	10.25	91	599600	18.965	ug/l	100
68) m/p-Xylenes	10.36	106	474187	38.008	ug/l	100
69) o-Xylene	10.69	106	234279	19.017	ug/l	99
70) Styrene	10.71	104	376457	19.315	ug/l	99
71) Bromoform	10.85	173	88127	19.201	ug/l	100
73) Isopropylbenzene	11.02	105	627926	18.695	ug/l	99
74) N-amyl acetate	10.90	43	247762	20.608	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	189904	19.011	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	177435m	19.447	ug/l	
77) Bromobenzene	11.26	156	172203	18.964	ug/l	98
78) n-propylbenzene	11.36	91	698324	18.880	ug/l	100
79) 2-Chlorotoluene	11.42	91	410557	18.317	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	522047	18.870	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45678	18.178	ug/l	89
82) 4-Chlorotoluene	11.51	91	484347	18.838	ug/l	100
83) tert-Butylbenzene	11.77	119	516293	18.647	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	536423	18.435	ug/l	100
85) sec-Butylbenzene	11.94	105	630523	18.574	ug/l	100
86) p-Isopropyltoluene	12.06	119	571749	19.160	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	306316	18.717	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	305034	18.182	ug/l	97
89) n-Butylbenzene	12.38	91	482546	19.001	ug/l	99
90) Hexachloroethane	12.60	117	77224	18.739	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	307104	18.759	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35267	17.063	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	214886	19.029	ug/l	99
94) Hexachlorobutadiene	13.78	225	95768	17.992	ug/l	98
95) Naphthalene	13.83	128	620330	17.211	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	210228	18.031	ug/l	99

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

