

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009588.D
 Acq On : 15 May 2019 18:21
 Operator : JC/SP
 Sample : VX0515MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 12:32:45 PM

Quant Time: May 16 02:17:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	140566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	226308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	206369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	99785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	94923	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	5.50	113	69457	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.71	98	274949	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.13	95	100255	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	22476	17.351	ug/l	100
3) Chloromethane	1.32	50	36044	20.381	ug/l	100
4) Vinyl Chloride	1.41	62	34611	20.070	ug/l	99
5) Bromomethane	1.64	94	21310	20.588	ug/l	95
6) Chloroethane	1.72	64	23102	20.866	ug/l	99
7) Trichlorofluoromethane	1.93	101	42900	20.466	ug/l	98
8) Diethyl Ether	2.19	74	20687	20.834	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26214	19.914	ug/l	99
10) Methyl Iodide	2.51	142	27496	20.920	ug/l	99
11) Tert butyl alcohol	3.05	59	49194	110.753	ug/l	99
12) 1,1-Dichloroethene	2.37	96	27201	20.624	ug/l	94
13) Acrolein	2.29	56	36815	91.520	ug/l	99
14) Allyl chloride	2.73	41	62329	19.392	ug/l	98
15) Acrylonitrile	3.14	53	115496	106.345	ug/l	99
16) Acetone	2.45	43	103030	99.993	ug/l	99
17) Carbon Disulfide	2.57	76	70117	18.935	ug/l	99
18) Methyl Acetate	2.78	43	51318	20.942	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	104833	20.468	ug/l	99
20) Methylene Chloride	2.85	84	33686	20.192	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28846	20.167	ug/l	99
22) Diisopropyl ether	3.86	45	129164	20.896	ug/l	96
23) Vinyl Acetate	3.82	43	563439	106.448	ug/l	100
24) 1,1-Dichloroethane	3.70	63	62528	20.506	ug/l	99
25) 2-Butanone	4.67	43	172354	107.643	ug/l	99
26) 2,2-Dichloropropane	4.59	77	39677	17.481	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	34892	20.437	ug/l	97
28) Bromochloromethane	5.02	49	22264	16.290	ug/l	98
29) Tetrahydrofuran	5.13	42	113658	110.311	ug/l	99
30) Chloroform	5.21	83	57149	20.722	ug/l	98
31) Cyclohexane	5.58	56	57144	20.143	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	46893	20.425	ug/l	98
36) 1,1-Dichloropropene	5.80	75	41767	19.860	ug/l	99
37) Ethyl Acetate	4.84	43	62961	21.487	ug/l	99
38) Carbon Tetrachloride	5.78	117	38301	20.044	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	50806	19.671	ug/l	98
40) Benzene	6.15	78	133661	20.536	ug/l	99
41) Methacrylonitrile	5.05	41	35324	20.251	ug/l	96
42) 1,2-Dichloroethane	6.20	62	50071	21.446	ug/l	100
43) Isopropyl Acetate	6.45	43	97839	20.874	ug/l	99
44) Trichloroethene	7.21	130	31549	20.050	ug/l	99
45) 1,2-Dichloropropane	7.51	63	38607	20.948	ug/l	100
46) Dibromomethane	7.66	93	22086	20.636	ug/l	98
47) Bromodichloromethane	7.90	83	42599	19.954	ug/l	100
48) Methyl methacrylate	7.77	41	49228	21.170	ug/l	98
49) 1,4-Dioxane	7.74	88	20426	433.135	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	334635	109.230	ug/l	99
52) Toluene	8.79	92	82328	20.808	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	47144	19.559	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	53351	19.998	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	34071	21.108	ug/l	96
56) Ethyl methacrylate	9.18	69	59278	20.573	ug/l	97
57) 1,3-Dichloropropane	9.37	76	59448	20.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	141801	92.769	ug/l	100
59) 2-Hexanone	9.49	43	261386	108.635	ug/l	99
60) Dibromochloromethane	9.58	129	31293	19.850	ug/l	99
61) 1,2-Dibromoethane	9.67	107	34097	20.927	ug/l	99
64) Tetrachloroethene	9.34	164	29006	20.490	ug/l	98
65) Chlorobenzene	10.14	112	84445	20.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	29953	20.013	ug/l	99
67) Ethyl Benzene	10.25	91	154634	20.353	ug/l	100
68) m/p-Xylenes	10.36	106	111718	40.238	ug/l	97
69) o-Xylene	10.70	106	55741	20.348	ug/l	100
70) Styrene	10.71	104	96418	20.251	ug/l	99
71) Bromoform	10.85	173	23542	19.356	ug/l #	99
73) Isopropylbenzene	11.02	105	148974	20.530	ug/l	99
74) N-amyl acetate	10.90	43	88373	20.890	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	56408	20.853	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	55847m	24.128	ug/l	
77) Bromobenzene	11.26	156	37001	20.544	ug/l	98
78) n-propylbenzene	11.36	91	166380	20.077	ug/l	99
79) 2-Chlorotoluene	11.42	91	103247	20.194	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	125101	20.475	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16562	18.308	ug/l	90
82) 4-Chlorotoluene	11.51	91	116316	20.138	ug/l	99
83) tert-Butylbenzene	11.77	119	119586	20.120	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	125663	20.491	ug/l	99
85) sec-Butylbenzene	11.94	105	141939	20.143	ug/l	99
86) p-Isopropyltoluene	12.06	119	127459	20.120	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	64283	20.022	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	64535	19.937	ug/l	98
89) n-Butylbenzene	12.38	91	111318	19.442	ug/l	99
90) Hexachloroethane	12.60	117	20339	18.846	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	66328	20.283	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12875	21.217	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44850	20.056	ug/l	98
94) Hexachlorobutadiene	13.78	225	22939	20.087	ug/l	99
95) Naphthalene	13.83	128	148682	20.436	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	46595	20.555	ug/l	99

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

