

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011726.D
 Acq On : 21 Aug 2019 12:46
 Operator : JC/SP
 Sample : VX0821MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:03 AM

Quant Time: Aug 21 19:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	363215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	499616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	479333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	242608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	168660	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.49	113	153504	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
50) Toluene-d8	8.71	98	517128	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	220016	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	79142	22.167	ug/l 99
3) Chloromethane	1.32	50	64583	17.417	ug/l 100
4) Vinyl Chloride	1.40	62	61270	18.291	ug/l 98
5) Bromomethane	1.63	94	37964	25.294	ug/l 99
6) Chloroethane	1.71	64	35177	22.189	ug/l 99
7) Trichlorofluoromethane	1.92	101	102879	22.174	ug/l 98
8) Diethyl Ether	2.18	74	35267	22.159	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64461	20.115	ug/l 98
10) Methyl Iodide	2.50	142	82193	18.004	ug/l 99
11) Tert butyl alcohol	3.04	59	88926	107.613	ug/l 96
12) 1,1-Dichloroethene	2.37	96	60279	19.464	ug/l 96
13) Acrolein	2.29	56	24628	104.323	ug/l 99
14) Allyl chloride	2.72	41	102497	19.895	ug/l 98
15) Acrylonitrile	3.14	53	199979	105.738	ug/l 100
16) Acetone	2.43	43	171615	101.328	ug/l 97
17) Carbon Disulfide	2.56	76	131390	18.005	ug/l 99
18) Methyl Acetate	2.76	43	116948	22.265	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	222476	22.057	ug/l 99
20) Methylene Chloride	2.85	84	71780	20.185	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	67107	20.448	ug/l 96
22) Diisopropyl ether	3.85	45	216086	21.061	ug/l 99
23) Vinyl Acetate	3.81	43	850907	104.734	ug/l 99
24) 1,1-Dichloroethane	3.69	63	120661	20.801	ug/l 100
25) 2-Butanone	4.67	43	281762	105.969	ug/l 95
26) 2,2-Dichloropropane	4.57	77	88978	20.380	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	82043	21.444	ug/l 98
28) Bromochloromethane	5.01	49	47347	18.593	ug/l 100
29) Tetrahydrofuran	5.12	42	171621	98.397	ug/l 98
30) Chloroform	5.21	83	126466	20.658	ug/l 99
31) Cyclohexane	5.57	56	98604	19.743	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	108593	20.630	ug/l 98
36) 1,1-Dichloropropene	5.80	75	87434	20.468	ug/l 99
37) Ethyl Acetate	4.82	43	99637	20.279	ug/l 100
38) Carbon Tetrachloride	5.77	117	96750	20.558	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103941	19.704	ug/l	99
40) Benzene	6.14	78	253010	19.060	ug/l	99
41) Methacrylonitrile	5.03	41	57050	21.098	ug/l	98
42) 1,2-Dichloroethane	6.19	62	99104	21.548	ug/l	97
43) Isopropyl Acetate	6.44	43	148252	19.335	ug/l	99
44) Trichloroethene	7.21	130	81343	20.656	ug/l	100
45) 1,2-Dichloropropane	7.51	63	70622	21.332	ug/l	98
46) Dibromomethane	7.66	93	49762	20.685	ug/l	100
47) Bromodichloromethane	7.89	83	91042	20.611	ug/l	95
48) Methyl methacrylate	7.77	41	80972	21.325	ug/l	98
49) 1,4-Dioxane	7.74	88	42671	422.507	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	545588	108.709	ug/l	100
52) Toluene	8.78	92	182229	21.548	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	93674	20.433	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	105441	21.017	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	76867	21.374	ug/l	99
56) Ethyl methacrylate	9.18	69	110151	21.073	ug/l	99
57) 1,3-Dichloropropane	9.37	76	123434	21.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	269453	103.458	ug/l	100
59) 2-Hexanone	9.49	43	417003	107.745	ug/l	99
60) Dibromochloromethane	9.58	129	79105	21.111	ug/l	99
61) 1,2-Dibromoethane	9.67	107	82099	21.390	ug/l	99
64) Tetrachloroethene	9.34	164	84947	21.599	ug/l	98
65) Chlorobenzene	10.13	112	208667	20.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	77778	20.354	ug/l	99
67) Ethyl Benzene	10.25	91	345982	20.277	ug/l	99
68) m/p-Xylenes	10.35	106	269824	41.198	ug/l	99
69) o-Xylene	10.69	106	133356	20.787	ug/l	98
70) Styrene	10.71	104	221583	20.517	ug/l	99
71) Bromoform	10.85	173	60642	18.547	ug/l #	100
73) Isopropylbenzene	11.02	105	356910	22.672	ug/l	100
74) N-amyl acetate	10.90	43	138477	20.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	115417	21.312	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	101963m	22.164	ug/l	
77) Bromobenzene	11.25	156	100363	21.428	ug/l	97
78) n-propylbenzene	11.36	91	380587	22.420	ug/l	100
79) 2-Chlorotoluene	11.42	91	231669	22.225	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	294498	22.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29119	20.094	ug/l	90
82) 4-Chlorotoluene	11.51	91	267290	22.103	ug/l	99
83) tert-Butylbenzene	11.77	119	283438	21.044	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	288611	21.739	ug/l	99
85) sec-Butylbenzene	11.94	105	337643	22.219	ug/l	100
86) p-Isopropyltoluene	12.06	119	309940	21.681	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	172531	21.431	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168905	20.700	ug/l	98
89) n-Butylbenzene	12.38	91	245063	20.851	ug/l	98
90) Hexachloroethane	12.59	117	43420	19.234	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	161103	19.935	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24563	19.826	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	119036	19.769	uq/l	99
94) Hexachlorobutadiene	13.78	225	62297	19.000	uq/l	98
95) Naphthalene	13.83	128	363290	21.341	uq/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	125783	20.711	uq/l	99

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

