

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
 Data File : VX008562.D
 Acq On : 01 Apr 2019 12:29
 Operator : JC/SP
 Sample : VX0401WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 9:19:35 AM

Quant Time: Apr 02 01:29:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	189587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	315303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143116	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	106044	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
50) Toluene-d8	8.71	98	425928	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.13	95	159098	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	34811	15.577	ug/l	100
3) Chloromethane	1.32	50	48493	16.767	ug/l	97
4) Vinyl Chloride	1.40	62	48527	15.552	ug/l	98
5) Bromomethane	1.64	94	22121	14.827	ug/l	98
6) Chloroethane	1.72	64	30022	16.242	ug/l	98
7) Trichlorofluoromethane	1.93	101	57882	16.379	ug/l	98
8) Diethyl Ether	2.18	74	27151	16.235	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36050	16.880	ug/l	99
10) Methyl Iodide	2.51	142	25275	15.288	ug/l	99
11) Tert butyl alcohol	3.04	59	57508	90.308	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35407	16.053	ug/l	97
13) Acrolein	2.29	56	29086	62.897	ug/l	100
14) Allyl chloride	2.73	41	83245	17.131	ug/l	99
15) Acrylonitrile	3.14	53	143626	86.014	ug/l	100
16) Acetone	2.44	43	128764	85.717	ug/l	99
17) Carbon Disulfide	2.57	76	101583	15.790	ug/l	99
18) Methyl Acetate	2.77	43	63961	17.728	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	138846	17.469	ug/l	98
20) Methylene Chloride	2.85	84	44867	17.889	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	39260	17.688	ug/l	99
22) Diisopropyl ether	3.85	45	168627	17.624	ug/l	92
23) Vinyl Acetate	3.81	43	733196	87.833	ug/l	100
24) 1,1-Dichloroethane	3.69	63	83040	17.191	ug/l	100
25) 2-Butanone	4.67	43	208286	86.486	ug/l	98
26) 2,2-Dichloropropane	4.58	77	59647	18.565	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	46120	17.100	ug/l	99
28) Bromochloromethane	5.01	49	43520	18.236	ug/l	98
29) Tetrahydrofuran	5.12	42	137499	86.627	ug/l	99
30) Chloroform	5.21	83	75109	17.229	ug/l	100
31) Cyclohexane	5.57	56	78112	16.955	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61560	17.667	ug/l	100
36) 1,1-Dichloropropene	5.79	75	58130	17.291	ug/l	98
37) Ethyl Acetate	4.82	43	78530	18.031	ug/l	100
38) Carbon Tetrachloride	5.78	117	50201	17.893	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72362	18.011	ug/l	98
40) Benzene	6.13	78	177385	17.625	ug/l	100
41) Methacrylonitrile	5.04	41	44105	18.020	ug/l	98
42) 1,2-Dichloroethane	6.19	62	63200	17.151	ug/l	100
43) Isopropyl Acetate	6.44	43	123267	17.695	ug/l	100
44) Trichloroethene	7.21	130	41360	17.502	ug/l	96
45) 1,2-Dichloropropane	7.51	63	50623	17.696	ug/l	96
46) Dibromomethane	7.66	93	29348	17.568	ug/l	97
47) Bromodichloromethane	7.90	83	57644	18.028	ug/l	98
48) Methyl methacrylate	7.77	41	62067	17.807	ug/l	99
49) 1,4-Dioxane	7.74	88	25086	361.964	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	407808	90.132	ug/l	100
52) Toluene	8.78	92	106250	17.656	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	63430	18.111	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	72339	18.164	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43297	17.675	ug/l	98
56) Ethyl methacrylate	9.18	69	78783	17.817	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77909	17.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	202331	88.519	ug/l	100
59) 2-Hexanone	9.49	43	318761	90.922	ug/l	99
60) Dibromochloromethane	9.58	129	41482	17.806	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44521	17.809	ug/l	100
64) Tetrachloroethene	9.34	164	35495	18.623	ug/l	98
65) Chlorobenzene	10.13	112	108145	17.663	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	38518	18.235	ug/l	98
67) Ethyl Benzene	10.25	91	208244	18.022	ug/l	97
68) m/p-Xylenes	10.35	106	151217	35.973	ug/l	99
69) o-Xylene	10.69	106	73178	17.939	ug/l	100
70) Styrene	10.71	104	127435	18.085	ug/l	100
71) Bromoform	10.85	173	29523	17.698	ug/l #	100
73) Isopropylbenzene	11.02	105	196606	18.028	ug/l	100
74) N-amyl acetate	10.90	43	111952	17.736	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	72336	17.096	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	62632m	15.716	ug/l	
77) Bromobenzene	11.26	156	46434	17.544	ug/l	99
78) n-propylbenzene	11.36	91	230713	18.060	ug/l	100
79) 2-Chlorotoluene	11.42	91	137722	17.724	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	165455	17.946	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21883	17.588	ug/l	93
82) 4-Chlorotoluene	11.51	91	158121	17.642	ug/l	100
83) tert-Butylbenzene	11.77	119	159507	17.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	166561	17.861	ug/l	98
85) sec-Butylbenzene	11.94	105	194267	18.339	ug/l	100
86) p-Isopropyltoluene	12.06	119	172539	18.459	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	83533	17.664	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83955	17.591	ug/l	99
89) n-Butylbenzene	12.38	91	161950	18.290	ug/l	99
90) Hexachloroethane	12.60	117	27941	17.943	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	84542	17.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16074	17.423	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	59255	18.585	ug/l	100
94) Hexachlorobutadiene	13.78	225	29123	19.237	ug/l	99
95) Naphthalene	13.83	128	202997	18.571	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	60566	18.904	ug/l	99

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

