

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013603.D
 Acq On : 26 Nov 2019 16:36
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112619

Manual Integrations
 APPROVED

apatel
 11/27/2019 2:09:40 PM

Quant Time: Nov 26 17:56:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	772461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1141667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1033042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	521746	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	391697	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
35) Dibromofluoromethane	5.48	113	328482	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	8.71	98	1268193	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.13	95	458746	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	436719	50.793	ug/l	99
3) Chloromethane	1.31	50	467612	48.470	ug/l	99
4) Vinyl Chloride	1.40	62	534476	49.222	ug/l	100
5) Bromomethane	1.63	94	331658	45.481	ug/l	99
6) Chloroethane	1.71	64	287183	46.477	ug/l	97
7) Trichlorofluoromethane	1.92	101	573883	47.596	ug/l	99
8) Diethyl Ether	2.17	74	256791	47.076	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	357341	48.520	ug/l	99
10) Methyl Iodide	2.50	142	415247	46.610	ug/l	100
11) Tert butyl alcohol	3.03	59	453510	204.909	ug/l	99
12) 1,1-Dichloroethene	2.36	96	352939	48.011	ug/l	99
13) Acrolein	2.28	56	345660	233.927	ug/l	100
14) Allyl chloride	2.72	41	634621	47.570	ug/l	99
15) Acrylonitrile	3.12	53	1056522	231.262	ug/l	99
16) Acetone	2.43	43	1080193	244.007	ug/l	98
17) Carbon Disulfide	2.56	76	994772	47.469	ug/l	99
18) Methyl Acetate	2.76	43	603463	48.954	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1175493	48.269	ug/l	98
20) Methylene Chloride	2.84	84	387771	45.594	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	382876	47.809	ug/l	96
22) Diisopropyl ether	3.84	45	1226312	47.739	ug/l	93
23) Vinyl Acetate	3.80	43	5185299	242.646	ug/l	100
24) 1,1-Dichloroethane	3.69	63	673485	47.960	ug/l	99
25) 2-Butanone	4.65	43	1597202	242.765	ug/l	100
26) 2,2-Dichloropropane	4.57	77	569050	48.978	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	421328	45.812	ug/l	98
28) Bromochloromethane	5.00	49	275197	49.590	ug/l	99
29) Tetrahydrofuran	5.11	42	975859	240.604	ug/l	99
30) Chloroform	5.20	83	650423	45.671	ug/l	98
31) Cyclohexane	5.57	56	630622	47.611	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	567954	47.723	ug/l	99
36) 1,1-Dichloropropene	5.79	75	517631	49.948	ug/l	100
37) Ethyl Acetate	4.81	43	581781	50.040	ug/l	100
38) Carbon Tetrachloride	5.77	117	488099	51.078	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	645524	50.391	ug/l	99
40) Benzene	6.13	78	1530126	48.477	ug/l	100
41) Methacrylonitrile	5.02	41	325255	51.012	ug/l	99
42) 1,2-Dichloroethane	6.18	62	521797	48.474	ug/l	100
43) Isopropyl Acetate	6.43	43	958240	50.064	ug/l	100
44) Trichloroethene	7.20	130	417839	48.235	ug/l	96
45) 1,2-Dichloropropane	7.50	63	394641	49.973	ug/l	97
46) Dibromomethane	7.65	93	256367	47.798	ug/l	98
47) Bromodichloromethane	7.89	83	510829	50.380	ug/l	99
48) Methyl methacrylate	7.76	41	471996	50.753	ug/l	99
49) 1,4-Dioxane	7.73	88	184162	884.682	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2972596	246.897	ug/l	99
52) Toluene	8.78	92	964105	49.167	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	596945	51.722	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	651746	51.688	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	385210	48.749	ug/l	99
56) Ethyl methacrylate	9.17	69	646986	50.927	ug/l	99
57) 1,3-Dichloropropane	9.37	76	655482	48.125	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1543338	309.844	ug/l	100
59) 2-Hexanone	9.48	43	2345075	249.738	ug/l	99
60) Dibromochloromethane	9.57	129	416820	50.828	ug/l	99
61) 1,2-Dibromoethane	9.67	107	411371	48.743	ug/l	100
64) Tetrachloroethene	9.33	164	380635	49.409	ug/l	97
65) Chlorobenzene	10.13	112	1040324	48.504	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	386689	50.208	ug/l	99
67) Ethyl Benzene	10.25	91	1867243	50.663	ug/l	100
68) m/p-Xylenes	10.35	106	1412812	100.124	ug/l	100
69) o-Xylene	10.70	106	684090	49.709	ug/l	99
70) Styrene	10.71	104	1170657	50.568	ug/l	99
71) Bromoform	10.85	173	328277	51.514	ug/l #	99
73) Isopropylbenzene	11.01	105	1823950	49.837	ug/l	100
74) N-amyl acetate	10.89	43	846968	50.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	619906	48.842	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	582202m	49.612	ug/l	
77) Bromobenzene	11.25	156	472252	47.764	ug/l	99
78) n-propylbenzene	11.35	91	2061469	50.458	ug/l	99
79) 2-Chlorotoluene	11.42	91	1208474	49.310	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1517438	50.588	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	217009	50.592	ug/l	97
82) 4-Chlorotoluene	11.51	91	1400661	49.344	ug/l	100
83) tert-Butylbenzene	11.76	119	1528997	50.157	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1535308	50.433	ug/l	100
85) sec-Butylbenzene	11.94	105	1789650	51.397	ug/l	100
86) p-Isopropyltoluene	12.06	119	1644901	50.780	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	848813	49.249	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	833552	47.482	ug/l	99
89) n-Butylbenzene	12.39	91	1452653	52.579	ug/l	99
90) Hexachloroethane	12.59	117	298306	50.948	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	830436	48.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	136084	49.236	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	590030	49.717	ug/l	99
94) Hexachlorobutadiene	13.78	225	276714	48.537	ug/l	98
95) Naphthalene	13.83	128	1816411	51.394	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	582295	49.554	ug/l	99

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

