

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015737.D
 Acq On : 17 Apr 2020 14:53
 Operator : JC/SP
 Sample : VX0417WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:06:26 AM

Quant Time: Apr 20 03:28:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	925572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1406941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1306992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	707092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	618424	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
35) Dibromofluoromethane	5.47	113	458233	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.70	98	1719165	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.12	95	693322	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	125851	15.433	ug/l	100
3) Chloromethane	1.31	50	163813	15.775	ug/l	96
4) Vinyl Chloride	1.39	62	163432	17.140	ug/l	100
5) Bromomethane	1.63	94	125794	24.493	ug/l	100
6) Chloroethane	1.71	64	105061	17.765	ug/l	96
7) Trichlorofluoromethane	1.92	101	231047	18.068	ug/l	96
8) Diethyl Ether	2.17	74	102249	18.957	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	157053	18.839	ug/l	98
10) Methyl Iodide	2.50	142	141389	12.580	ug/l	97
11) Tert butyl alcohol	3.01	59	254284	81.381	ug/l	99
12) 1,1-Dichloroethene	2.36	96	152205	17.418	ug/l	98
13) Acrolein	2.27	56	210756	118.409	ug/l	99
14) Allyl chloride	2.71	41	340406	16.672	ug/l	98
15) Acrylonitrile	3.12	53	571166	95.852	ug/l	100
16) Acetone	2.42	43	500194	89.187	ug/l	99
17) Carbon Disulfide	2.55	76	388417	14.571	ug/l	97
18) Methyl Acetate	2.75	43	277700	19.400	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	624659	18.431	ug/l	99
20) Methylene Chloride	2.84	84	185754	17.732	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	173465	17.887	ug/l	99
22) Diisopropyl ether	3.83	45	675030	18.657	ug/l	98
23) Vinyl Acetate	3.79	43	2949050	90.025	ug/l	100
24) 1,1-Dichloroethane	3.67	63	335989	17.638	ug/l	98
25) 2-Butanone	4.64	43	814271	90.279	ug/l	99
26) 2,2-Dichloropropane	4.55	77	278703	17.824	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	207195	18.467	ug/l	98
28) Bromochloromethane	4.98	49	175385	19.283	ug/l	98
29) Tetrahydrofuran	5.09	42	521369	89.917	ug/l	98
30) Chloroform	5.19	83	336126	18.340	ug/l	100
31) Cyclohexane	5.55	56	284662	17.226	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	298254	17.982	ug/l	98
36) 1,1-Dichloropropene	5.78	75	233684	18.026	ug/l	96
37) Ethyl Acetate	4.80	43	316640	18.759	ug/l	99
38) Carbon Tetrachloride	5.76	117	249932	17.800	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	275312	18.419	ug/l	97
40) Benzene	6.12	78	720745	18.980	ug/l	97
41) Methacrylonitrile	5.01	41	182582	19.486	ug/l	97
42) 1,2-Dichloroethane	6.16	62	288115	18.889	ug/l	99
43) Isopropyl Acetate	6.42	43	522462	18.336	ug/l	98
44) Trichloroethene	7.19	130	197909	19.110	ug/l	96
45) 1,2-Dichloropropane	7.50	63	202112	19.456	ug/l	96
46) Dibromomethane	7.64	93	132447	19.437	ug/l	97
47) Bromodichloromethane	7.88	83	268195	18.471	ug/l	99
48) Methyl methacrylate	7.75	41	265341	18.643	ug/l	97
49) 1,4-Dioxane	7.72	88	102915	387.619	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1607631	99.555	ug/l	99
52) Toluene	8.77	92	457916	19.559	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	301020	17.677	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	327602	18.885	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	197091	20.548	ug/l	98
56) Ethyl methacrylate	9.16	69	312243	18.471	ug/l	97
57) 1,3-Dichloropropane	9.36	76	342685	19.830	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	794155	96.585	ug/l	98
59) 2-Hexanone	9.47	43	1214353	99.607	ug/l	99
60) Dibromochloromethane	9.57	129	215374	18.686	ug/l	97
61) 1,2-Dibromoethane	9.65	107	208136	19.956	ug/l	99
64) Tetrachloroethene	9.32	164	193418	19.609	ug/l	95
65) Chlorobenzene	10.12	112	518906	19.908	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	198534	19.065	ug/l	99
67) Ethyl Benzene	10.24	91	890825	19.270	ug/l	99
68) m/p-Xylenes	10.34	106	670363	38.942	ug/l	98
69) o-Xylene	10.68	106	324354	19.068	ug/l	99
70) Styrene	10.70	104	589227	19.685	ug/l	96
71) Bromoform	10.84	173	174780	18.438	ug/l #	100
73) Isopropylbenzene	11.00	105	886471	19.134	ug/l	99
74) N-amyl acetate	10.88	43	435334	16.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	299449	18.836	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	276131m	18.990	ug/l	
77) Bromobenzene	11.24	156	242861	19.652	ug/l	95
78) n-propylbenzene	11.34	91	992213	18.729	ug/l	100
79) 2-Chlorotoluene	11.40	91	601631	18.528	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	734032	18.551	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	96648	15.948	ug/l	95
82) 4-Chlorotoluene	11.49	91	710504	18.665	ug/l	99
83) tert-Butylbenzene	11.76	119	735656	19.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	757603	18.789	ug/l	98
85) sec-Butylbenzene	11.93	105	853050	19.084	ug/l	100
86) p-Isopropyltoluene	12.05	119	792287	19.093	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	436870	19.747	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	445135	19.753	ug/l	99
89) n-Butylbenzene	12.37	91	712661	19.005	ug/l	99
90) Hexachloroethane	12.58	117	128988	15.970	ug/l	90
91) 1,2-Dichlorobenzene	12.38	146	424486	19.606	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	70856	15.791	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	331472	19.355	ug/l	100
94) Hexachlorobutadiene	13.77	225	157854	19.360	ug/l	98
95) Naphthalene	13.82	128	997362	19.092	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	324274	19.667	ug/l	97

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

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