

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015654.D
 Acq On : 23 Jun 2020 11:40
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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MMDadoda
 6/24/2020 10:58:12 AM

Quant Time: Jun 23 12:50:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 12:41:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	324594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155107	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	48777	22.56	ug/l	0.00
Spiked Amount			Recovery	=	45.12%	
35) Dibromofluoromethane	7.88	113	42091	21.88	ug/l	0.00
Spiked Amount			Recovery	=	43.76%	
50) Toluene-d8	10.32	98	167052	21.41	ug/l	0.00
Spiked Amount			Recovery	=	42.82%	
62) 4-Bromofluorobenzene	12.62	95	62466	22.07	ug/l	0.00
Spiked Amount			Recovery	=	44.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	23007	19.736	ug/l	92
3) Chloromethane	2.21	50	26998	19.034	ug/l	96
4) Vinyl Chloride	2.37	62	46660	20.953	ug/l	99
5) Bromomethane	2.78	94	35397	22.598	ug/l	98
6) Chloroethane	2.93	64	30947	21.463	ug/l	99
7) Trichlorofluoromethane	3.26	101	33859	20.243	ug/l	99
8) Diethyl Ether	3.68	74	20862	21.183	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	41640	20.734	ug/l	99
10) Methyl Iodide	4.27	142	58244	19.830	ug/l	100
11) Tert butyl alcohol	5.19	59	16680	101.963	ug/l	98
12) 1,1-Dichloroethene	4.04	96	39872	20.018	ug/l	99
13) Acrolein	3.90	56	17903	133.224	ug/l	97
14) Allyl chloride	4.67	41	64300	19.238	ug/l	99
15) Acrylonitrile	5.37	53	43759	109.431	ug/l	99
16) Acetone	4.13	43	43801	100.136	ug/l	97
17) Carbon Disulfide	4.39	76	112274	18.905	ug/l	98
18) Methyl Acetate	4.68	43	22177	23.375	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	63331	21.036	ug/l	100
20) Methylene Chloride	4.92	84	47738	21.072	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	44807	19.997	ug/l	96
22) Diisopropyl ether	6.32	45	131391	20.718	ug/l	98
23) Vinyl Acetate	6.26	43	388473	104.429	ug/l	100
24) 1,1-Dichloroethane	6.22	63	81601	20.405	ug/l	99
25) 2-Butanone	7.18	43	60971	108.344	ug/l	99
26) 2,2-Dichloropropane	7.17	77	54493	19.420	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49807	20.441	ug/l	99
28) Bromochloromethane	7.52	49	32521	21.693	ug/l	100
29) Tetrahydrofuran	7.54	42	36428	108.484	ug/l	99
30) Chloroform	7.68	83	83729	20.741	ug/l	100
31) Cyclohexane	7.96	56	77176	19.561	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	70311	20.088	ug/l	98
36) 1,1-Dichloropropene	8.09	75	67091	20.188	ug/l	100
37) Ethyl Acetate	7.26	43	27183	21.706	ug/l	99
38) Carbon Tetrachloride	8.07	117	65357	20.191	ug/l	97

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39) Methylcyclohexane	9.34	83	79715	19.462	ug/l	98
40) Benzene	8.33	78	182940	20.471	ug/l	98
41) Methacrylonitrile	7.49	41	16341	23.045	ug/l	90
42) 1,2-Dichloroethane	8.40	62	59201	21.820	ug/l	100
43) Isopropyl Acetate	8.43	43	54741	22.030	ug/l	99
44) Trichloroethene	9.10	130	49825	20.817	ug/l	98
45) 1,2-Dichloropropane	9.37	63	45403	20.924	ug/l	98
46) Dibromomethane	9.46	93	23167	21.049	ug/l	98
47) Bromodichloromethane	9.65	83	61015	20.446	ug/l	98
48) Methyl methacrylate	9.44	41	24112	21.170	ug/l	97
49) 1,4-Dioxane	9.46	88	6084	419.720	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	132419	112.104	ug/l	98
52) Toluene	10.39	92	118172	20.480	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	57564	19.728	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	69654	20.098	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32832	21.376	ug/l	95
56) Ethyl methacrylate	10.65	69	41664	21.019	ug/l	95
57) 1,3-Dichloropropane	10.93	76	57954	21.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	103086	108.762	ug/l	99
59) 2-Hexanone	10.97	43	89666	110.426	ug/l	99
60) Dibromochloromethane	11.13	129	38367	20.531	ug/l	97
61) 1,2-Dibromoethane	11.24	107	32120	21.881	ug/l	100
64) Tetrachloroethene	10.87	164	40911	19.876	ug/l	98
65) Chlorobenzene	11.66	112	128268	20.691	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	44532	20.146	ug/l	96
67) Ethyl Benzene	11.73	91	236958	20.298	ug/l	100
68) m/p-Xylenes	11.84	106	177931	40.822	ug/l	100
69) o-Xylene	12.17	106	81290	20.091	ug/l	98
70) Styrene	12.18	104	140486	20.329	ug/l	98
71) Bromoform	12.35	173	20779	19.899	ug/l #	100
73) Isopropylbenzene	12.47	105	229560	19.309	ug/l	100
74) N-amyl acetate	12.27	43	51108	20.477	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	38989	21.595	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29440m	22.545	ug/l	
77) Bromobenzene	12.75	156	50970	19.865	ug/l	96
78) n-propylbenzene	12.80	91	281636	19.774	ug/l	100
79) 2-Chlorotoluene	12.90	91	157594	19.600	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	200317	19.943	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11048	18.727	ug/l	95
82) 4-Chlorotoluene	12.99	91	169835	20.379	ug/l	99
83) tert-Butylbenzene	13.21	119	162931	19.094	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	197366	19.701	ug/l	100
85) sec-Butylbenzene	13.38	105	237880	19.625	ug/l	100
86) p-Isopropyltoluene	13.50	119	215009	19.445	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	104402	20.467	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	103702	20.577	ug/l	97
89) n-Butylbenzene	13.82	91	207695	19.497	ug/l	99
90) Hexachloroethane	14.10	117	37980	18.744	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	91232	20.591	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6390	20.748	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59567	19.517	ug/l	98
94) Hexachlorobutadiene	15.24	225	36503	19.422	ug/l	97
95) Naphthalene	15.37	128	99535	19.599	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	50833	19.904	ug/l	97

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

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