

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015198.D
 Acq On : 15 Apr 2020 12:49
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 15 14:22:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	574449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	978152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	849173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	396653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103895	13.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	26.30%	
35) Dibromofluoromethane	7.88	113	107016	18.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.20%	
50) Toluene-d8	10.32	98	434519	18.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.38%	
62) 4-Bromofluorobenzene	12.62	95	149107	18.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61154	17.257	ug/l	97
3) Chloromethane	2.21	50	97891	13.670	ug/l	98
4) Vinyl Chloride	2.36	62	121143	13.069	ug/l	95
5) Bromomethane	2.77	94	61701	11.704	ug/l	92
6) Chloroethane	2.92	64	58305	11.160	ug/l	94
7) Trichlorofluoromethane	3.25	101	70694	15.053	ug/l	98
8) Diethyl Ether	3.68	74	59107	16.367	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	116982	16.062	ug/l	98
10) Methyl Iodide	4.27	142	176932	20.943	ug/l	99
11) Tert butyl alcohol	5.18	59	33774	71.973	ug/l #	91
12) 1,1-Dichloroethene	4.04	96	120941	16.946	ug/l	96
13) Acrolein	3.90	56	38830	59.406	ug/l	100
14) Allyl chloride	4.67	41	180870	13.242	ug/l	99
15) Acrylonitrile	5.37	53	119529	66.689	ug/l	100
16) Acetone	4.13	43	87066	49.867	ug/l	99
17) Carbon Disulfide	4.38	76	370693	14.945	ug/l	99
18) Methyl Acetate	4.67	43	56749	13.191	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	159169	17.612	ug/l	100
20) Methylene Chloride	4.92	84	132993	15.418	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	130524	17.294	ug/l	98
22) Diisopropyl ether	6.31	45	359885	13.761	ug/l	95
23) Vinyl Acetate	6.26	43	1021941	66.631	ug/l	98
24) 1,1-Dichloroethane	6.21	63	218208	14.101	ug/l	99
25) 2-Butanone	7.17	43	139783	57.692	ug/l	98
26) 2,2-Dichloropropane	7.16	77	141753	15.715	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	139421	17.710	ug/l	99
28) Bromochloromethane	7.51	49	87550	12.185	ug/l	98
29) Tetrahydrofuran	7.53	42	96716	63.632	ug/l	99
30) Chloroform	7.67	83	211522	15.206	ug/l	99
31) Cyclohexane	7.95	56	231307	14.503	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	180142	16.474	ug/l	97
36) 1,1-Dichloropropene	8.08	75	176866	16.269	ug/l	99
37) Ethyl Acetate	7.25	43	69540	13.193	ug/l	99
38) Carbon Tetrachloride	8.07	117	165825	18.280	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	240151	18.893	ug/l	95
40) Benzene	8.32	78	508898	16.727	ug/l	99
41) Methacrylonitrile	7.48	41	37940	13.437	ug/l	92
42) 1,2-Dichloroethane	8.40	62	128211	14.176	ug/l	100
43) Isopropyl Acetate	8.42	43	137612	14.403	ug/l	99
44) Trichloroethene	9.09	130	135880	20.262	ug/l	98
45) 1,2-Dichloropropane	9.37	63	124465	15.385	ug/l	94
46) Dibromomethane	9.46	93	60294	16.780	ug/l	98
47) Bromodichloromethane	9.64	83	162581	17.005	ug/l	100
48) Methyl methacrylate	9.43	41	66654	15.086	ug/l	98
49) 1,4-Dioxane	9.45	88	17805	330.876	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	348266	66.575	ug/l	99
52) Toluene	10.38	92	325914	18.430	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	159492	16.949	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	197156	17.223	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	85113	17.241	ug/l	97
56) Ethyl methacrylate	10.65	69	115906	18.235	ug/l	99
57) 1,3-Dichloropropane	10.93	76	150816	16.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	290570	80.070	ug/l	99
59) 2-Hexanone	10.97	43	219017	67.490	ug/l	98
60) Dibromochloromethane	11.13	129	102094	19.557	ug/l	99
61) 1,2-Dibromoethane	11.23	107	83578	18.863	ug/l	98
64) Tetrachloroethene	10.86	164	103541	21.033	ug/l	95
65) Chlorobenzene	11.66	112	332473	19.667	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	113522	20.052	ug/l	99
67) Ethyl Benzene	11.73	91	630110	19.375	ug/l	99
68) m/p-Xylenes	11.83	106	475368	40.868	ug/l	98
69) o-Xylene	12.16	106	223019	21.148	ug/l	97
70) Styrene	12.18	104	375183	20.863	ug/l	99
71) Bromoform	12.35	173	53954	21.120	ug/l #	97
73) Isopropylbenzene	12.46	105	598845	19.949	ug/l	99
74) N-amyl acetate	12.27	43	126986	14.914	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	97078	16.298	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	73928m	16.919	ug/l	
77) Bromobenzene	12.74	156	125885	20.862	ug/l	97
78) n-propylbenzene	12.80	91	725404	18.793	ug/l	99
79) 2-Chlorotoluene	12.89	91	401001	18.456	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	505422	19.646	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	31432	16.130	ug/l	95
82) 4-Chlorotoluene	12.99	91	420471	18.167	ug/l	98
83) tert-Butylbenzene	13.21	119	437721	20.770	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	506036	19.675	ug/l	100
85) sec-Butylbenzene	13.38	105	621198	19.658	ug/l	100
86) p-Isopropyltoluene	13.50	119	560177	20.546	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	255324	20.175	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	246326	19.715	ug/l	98
89) n-Butylbenzene	13.82	91	542442	18.716	ug/l	99
90) Hexachloroethane	14.09	117	106416	19.324	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	219293	19.730	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14850	15.486	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	146043	22.495	ug/l	100
94) Hexachlorobutadiene	15.23	225	84239	20.759	ug/l	97
95) Naphthalene	15.36	128	271894	22.387	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	126366	21.978	ug/l	96

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

