

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001109.D
 Acq On : 27 Dec 2019 19:25
 Operator : SY/MD
 Sample : K6438-01
 Misc : 5.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUNR-BF001-01

Manual Integrations
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apatel
 12/30/2019 3:35:55 PM

Quant Time: Dec 28 05:20:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	287393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	529388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	482448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	218772	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	150624	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
35) Dibromofluoromethane	7.73	113	153944	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	10.18	98	622462	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	205671	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	21630	8.637	ug/l	85
3) Chloromethane	2.11	50	20278	5.950	ug/l	99
4) Vinyl Chloride	2.26	62	20130	6.082	ug/l	93
5) Bromomethane	2.65	94	17434	8.225	ug/l	91
6) Chloroethane	2.80	64	14131	6.854	ug/l	93
7) Trichlorofluoromethane	3.13	101	36200	7.456	ug/l	98
8) Diethyl Ether	3.54	74	21500	10.849	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	28460	8.924	ug/l	95
10) Methyl Iodide	4.10	142	32645	7.409	ug/l	97
11) Tert butyl alcohol	4.96	59	16331	52.400	ug/l #	74
12) 1,1-Dichloroethene	3.88	96	26768	8.291	ug/l	98
14) Allvl chloride	4.49	41	42708	8.515	ug/l	97
15) Acrylonitrile	5.18	53	52381	52.887	ug/l	97
16) Acetone	3.96	43	37988	58.175	ug/l	96
17) Carbon Disulfide	4.20	76	82583	7.828	ug/l	99
18) Methyl Acetate	4.49	43	84717	33.816	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	87169	10.461	ug/l	98
20) Methylene Chloride	4.72	84	44905	11.683	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	31206	8.721	ug/l	96
22) Diisopropyl ether	6.13	45	96984	9.566	ug/l #	88
24) 1,1-Dichloroethane	6.04	63	52878	8.826	ug/l	97
25) 2-Butanone	7.00	43	57826	50.409	ug/l	98
26) 2,2-Dichloropropane	6.99	77	39510	8.027	ug/l	95
27) cis-1,2-Dichloroethene	6.99	96	38311	9.746	ug/l	97
28) Bromochloromethane	7.34	49	24390	10.434	ug/l	91
29) Tetrahydrofuran	7.36	42	42827	52.485	ug/l	97
30) Chloroform	7.52	83	54038	9.539	ug/l	90
31) Cyclohexane	7.79	56	53777	8.536	ug/l #	81
32) 1,1,1-Trichloroethane	7.71	97	39965	8.270	ug/l	96
36) 1,1-Dichloropropene	7.93	75	40385	7.997	ug/l	97
37) Ethyl Acetate	7.08	43	6337	2.266	ug/l #	77
38) Carbon Tetrachloride	7.91	117	34544	7.807	ug/l #	91
39) Methylcyclohexane	9.19	83	52737	7.863	ug/l	93
40) Benzene	8.17	78	136027	8.928	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Methacrylonitrile	7.32	41	8592m	7.087	ug/l	
42) 1,2-Dichloroethane	8.25	62	35769	9.819	ug/l	96
43) Isopropyl Acetate	8.28	43	18962	3.663	ug/l #	61
44) Trichloroethene	8.94	130	34963	8.709	ug/l	95
45) 1,2-Dichloropropane	9.22	63	36263	9.487	ug/l	98
46) Dibromomethane	9.31	93	19706	10.001	ug/l	98
47) Bromodichloromethane	9.50	83	40762	8.931	ug/l	96
48) Methyl methacrylate	9.30	41	26651	12.064	ug/l	90
49) 1,4-Dioxane	9.30	88	7590	263.336	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	127164	47.130	ug/l	98
52) Toluene	10.24	92	82708	8.820	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	42472	8.575	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	52115	8.750	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	29318	9.967	ug/l	97
56) Ethyl methacrylate	10.51	69	8431	2.014	ug/l	94
57) 1,3-Dichloropropane	10.79	76	52214	10.127	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.78	63	66338	41.027	ug/l	100
59) 2-Hexanone	10.83	43	74654	39.987	ug/l	94
60) Dibromochloromethane	10.99	129	29745	9.467	ug/l	99
61) 1,2-Dibromoethane	11.08	107	28816	10.245	ug/l	100
64) Tetrachloroethene	10.72	164	34426	8.247	ug/l	99
65) Chlorobenzene	11.51	112	86403	8.634	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	29398	8.902	ug/l	96
67) Ethyl Benzene	11.59	91	150038	8.335	ug/l	97
68) m/p-Xylenes	11.70	106	110153	16.117	ug/l	100
69) o-Xylene	12.03	106	54790	8.521	ug/l	99
70) Styrene	12.04	104	70573	6.455	ug/l	97
71) Bromoform	12.20	173	18690	10.164	ug/l #	92
73) Isopropylbenzene	12.33	105	136521	8.064	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	32844	9.848	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	27247m	10.103	ug/l	
77) Bromobenzene	12.61	156	32516	8.540	ug/l	99
78) n-propylbenzene	12.67	91	155535	7.540	ug/l	98
79) 2-Chlorotoluene	12.75	91	89627	7.867	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	106241	7.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	9666	7.644	ug/l	97
82) 4-Chlorotoluene	12.85	91	89371	7.553	ug/l	99
83) tert-Butylbenzene	13.07	119	94826	8.140	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	105032	7.532	ug/l	95
85) sec-Butylbenzene	13.25	105	129631	7.548	ug/l	99
86) p-Isopropyltoluene	13.36	119	100602	6.770	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	55384	7.574	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	54431	7.379	ug/l	94
89) n-Butylbenzene	13.69	91	92065	6.158	ug/l	97
90) Hexachloroethane	13.95	117	20166	7.203	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	52691	7.811	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4507	8.077	ug/l	84
93) 1,2,4-Trichlorobenzene	15.00	180	24430	5.366	ug/l	98
94) Hexachlorobutadiene	15.11	225	12117	5.592	ug/l	98
95) Naphthalene	15.23	128	68289	6.378	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.42	180	23049	5.676	ug/l	97

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

