

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001142.D
 Acq On : 02 Jan 2020 18:15
 Operator : SY/MD
 Sample : VY0102SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Manual Integrations
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apatel
 1/3/2020 11:13:38 AM

Quant Time: Jan 02 23:50:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	368442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	609028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	525956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	249463	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	156372	50.98	ug/l	0.00
Spiked Amount						
			Recovery	=	101.96%	
35) Dibromofluoromethane	7.72	113	176766	51.04	ug/l	0.00
Spiked Amount						
			Recovery	=	102.08%	
50) Toluene-d8	10.18	98	707809	55.90	ug/l	0.00
Spiked Amount						
			Recovery	=	111.80%	
62) 4-Bromofluorobenzene	12.48	95	237855	49.40	ug/l	0.00
Spiked Amount						
			Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	54970	20.260	ug/l	97
3) Chloromethane	2.12	50	48111	25.548	ug/l	99
4) Vinyl Chloride	2.25	62	52973	27.666	ug/l	94
5) Bromomethane	2.63	94	37300	26.820	ug/l	95
6) Chloroethane	2.79	64	33588	25.849	ug/l	94
7) Trichlorofluoromethane	3.13	101	107439	20.848	ug/l	96
8) Diethyl Ether	3.53	74	46792	25.994	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	81074	25.024	ug/l	97
10) Methyl Iodide	4.09	142	110727	21.548	ug/l	99
11) Tert butyl alcohol	4.96	59	33437	113.451	ug/l #	74
12) 1,1-Dichloroethene	3.88	96	83219	24.894	ug/l	97
13) Acrolein	3.73	56	39146	145.651	ug/l	98
14) Allyl chloride	4.48	41	87299	22.711	ug/l	98
15) Acrylonitrile	5.18	53	99883	117.596	ug/l	98
16) Acetone	3.96	43	64431	122.734	ug/l	100
17) Carbon Disulfide	4.20	76	243631	23.510	ug/l	98
18) Methyl Acetate	4.49	43	45595	24.472	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	198144	23.777	ug/l	100
20) Methylene Chloride	4.72	84	99432	24.628	ug/l	92
21) trans-1,2-Dichloroethene	5.23	96	90167	23.490	ug/l	93
22) Diisopropyl ether	6.13	45	185851	24.560	ug/l	99
23) Vinyl Acetate	6.07	43	580353	116.262	ug/l	98
24) 1,1-Dichloroethane	6.03	63	124668	23.833	ug/l	98
25) 2-Butanone	6.99	43	104969	108.652	ug/l	98
26) 2,2-Dichloropropane	7.00	77	117838	20.881	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	98332	21.805	ug/l	98
28) Bromochloromethane	7.34	49	38131	19.448	ug/l	98
29) Tetrahydrofuran	7.35	42	68862	105.988	ug/l	99
30) Chloroform	7.52	83	132841	20.805	ug/l	99
31) Cyclohexane	7.79	56	127183	20.969	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	120972	20.296	ug/l	99
36) 1,1-Dichloropropene	7.93	75	111230	20.934	ug/l	99
37) Ethyl Acetate	7.08	43	49878	22.568	ug/l	98
38) Carbon Tetrachloride	7.91	117	110645	20.041	ug/l	96

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39) Methylcyclohexane	9.19	83	154155	20.941	ug/l	98
40) Benzene	8.17	78	341161	20.855	ug/l	97
41) Methacrylonitrile	7.33	41	25520m	25.221	ug/l	
42) 1,2-Dichloroethane	8.24	62	79484	20.416	ug/l	98
43) Isopropyl Acetate	8.28	43	88213	20.313	ug/l	98
44) Trichloroethene	8.94	130	103084	21.061	ug/l	98
45) 1,2-Dichloropropane	9.22	63	76395	21.026	ug/l	99
46) Dibromomethane	9.31	93	44905	20.983	ug/l	96
47) Bromodichloromethane	9.50	83	101365	21.053	ug/l	99
48) Methyl methacrylate	9.30	41	36314	19.630	ug/l	94
49) 1,4-Dioxane	9.30	88	14539	451.687	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	229899	112.260	ug/l	98
52) Toluene	10.24	92	215480	21.628	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	109604	21.792	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	130711	22.123	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	67656	21.870	ug/l	95
56) Ethyl methacrylate	10.51	69	88500	22.321	ug/l	98
57) 1,3-Dichloropropane	10.79	76	108337	22.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	152453	107.288	ug/l	97
59) 2-Hexanone	10.83	43	160196	115.783	ug/l	99
60) Dibromochloromethane	10.99	129	75964	21.445	ug/l	98
61) 1,2-Dibromoethane	11.08	107	64525	21.451	ug/l	97
64) Tetrachloroethene	10.72	164	108379	21.960	ug/l	98
65) Chlorobenzene	11.52	112	249804	22.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.58	131	82414	20.906	ug/l	99
67) Ethyl Benzene	11.59	91	411274	21.101	ug/l	99
68) m/p-Xylenes	11.70	106	317478	41.197	ug/l	99
69) o-Xylene	12.03	106	149970	20.497	ug/l	98
70) Styrene	12.04	104	256901	20.745	ug/l	99
71) Bromoform	12.20	173	45734	19.704	ug/l #	99
73) Isopropylbenzene	12.33	105	402631	21.403	ug/l	99
74) N-amyl acetate	12.14	43	77121	21.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	69503	20.905	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	48768m	18.481	ug/l	
77) Bromobenzene	12.61	156	95163	20.924	ug/l	99
78) n-propylbenzene	12.67	91	467852	21.035	ug/l	100
79) 2-Chlorotoluene	12.75	91	256732	20.856	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	332922	20.920	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26385	20.728	ug/l	96
82) 4-Chlorotoluene	12.85	91	269690	21.315	ug/l	99
83) tert-Butylbenzene	13.07	119	291050	21.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	338924	21.271	ug/l	97
85) sec-Butylbenzene	13.25	105	406608	21.410	ug/l	99
86) p-Isopropyltoluene	13.36	119	356804	20.862	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	181276	21.295	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	196117	22.883	ug/l	99
89) n-Butylbenzene	13.69	91	345353	21.513	ug/l	99
90) Hexachloroethane	13.95	117	65951	20.818	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	197128	25.250	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12479	21.278	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.00	180	123383	22.944	ug/l	97
94) Hexachlorobutadiene	15.11	225	59793	21.954	ug/l	99
95) Naphthalene	15.23	128	275940	22.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	109509	22.757	ug/l	98

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

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