

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
 Data File : VY004400.D
 Acq On : 13 Apr 2021 10:58
 Operator : SY/MD
 Sample : VY0413SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Manual Integrations
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 4/14/2021 6:27:05 PM

Quant Time: Apr 14 01:22:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	184315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	299207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	267451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111098	54.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.50%			
35) Dibromofluoromethane	7.728	113	92178	55.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.02%			
50) Toluene-d8	10.185	98	386529	54.73	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.46%			
62) 4-Bromofluorobenzene	12.483	95	126735	52.88	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.76%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	34986	20.49	ug/l	97
3) Chloromethane	2.125	50	49159	19.91	ug/l	100
4) Vinyl Chloride	2.259	62	53013	20.33	ug/l	97
5) Bromomethane	2.656	94	27182	21.36	ug/l	96
6) Chloroethane	2.802	64	33927	21.70	ug/l	97
7) Trichlorofluoromethane	3.131	101	66061	20.25	ug/l	100
8) Diethyl Ether	3.540	74	22768	20.65	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	36787	20.33	ug/l	99
10) Methyl Iodide	4.101	142	43237	19.97	ug/l	98
11) Tert butyl alcohol	4.978	59	19171	94.99	ug/l	99
12) 1,1-Dichloroethene	3.881	96	37300	20.85	ug/l	100
13) Acrolein	3.735	56	22289	99.35	ug/l	97
14) Allyl chloride	4.491	41	70318	20.55	ug/l	98
15) Acrylonitrile	5.173	53	57357	96.98	ug/l	97
16) Acetone	3.960	43	41333	82.18	ug/l	99
17) Carbon Disulfide	4.204	76	116327	21.12	ug/l	99
18) Methyl Acetate	4.491	43	27315	19.15	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	106939	19.89	ug/l	98
20) Methylene Chloride	4.728	84	42432	21.45	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	42118	20.81	ug/l	97
22) Diisopropyl ether	6.131	45	147102	20.34	ug/l	96
23) Vinyl Acetate	6.070	43	496716	100.88	ug/l	98
24) 1,1-Dichloroethane	6.033	63	76810	20.79	ug/l	100
25) 2-Butanone	6.996	43	72636	93.11	ug/l	94
26) 2,2-Dichloropropane	6.990	77	68487	20.66	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	46859	20.69	ug/l	99
28) Bromochloromethane	7.344	49	32813	19.54	ug/l	98
29) Tetrahydrofuran	7.356	42	52162	93.59	ug/l	100
30) Chloroform	7.515	83	74763	20.59	ug/l	97
31) Cyclohexane	7.789	56	75240	20.04	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	67115	20.37	ug/l	100
36) 1,1-Dichloropropene	7.923	75	61195	20.58	ug/l	99
37) Ethyl Acetate	7.088	43	38680	20.20	ug/l	99
38) Carbon Tetrachloride	7.905	117	51342	19.98	ug/l	96
39) Methylcyclohexane	9.191	83	74002	20.22	ug/l	99
40) Benzene	8.167	78	172136	20.60	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21729m	18.73	ug/l	
42) 1,2-Dichloroethane	8.246	62	51801	19.76	ug/l	99
43) Isopropyl Acetate	8.283	43	71144	19.60	ug/l	100
44) Trichloroethene	8.947	130	47015	20.64	ug/l	99
45) 1,2-Dichloropropane	9.222	63	44565	20.67	ug/l	98
46) Dibromomethane	9.313	93	23559	20.07	ug/l	99
47) Bromodichloromethane	9.502	83	58063	20.43	ug/l	99
48) Methyl methacrylate	9.301	41	31733	18.98	ug/l	99
49) 1,4-Dioxane	9.307	88	5446	355.18	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	179081	96.05	ug/l	100
52) Toluene	10.246	92	108145	20.00	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	63881	20.38	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	72216	20.28	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	32069	19.82	ug/l	99
56) Ethyl methacrylate	10.514	69	44728	19.07	ug/l	99
57) 1,3-Dichloropropane	10.794	76	58143	20.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	116520	97.08	ug/l	100
59) 2-Hexanone	10.837	43	115457	92.38	ug/l	99
60) Dibromochloromethane	10.990	129	37840	19.68	ug/l	99
61) 1,2-Dibromoethane	11.093	107	31020	19.89	ug/l	99
64) Tetrachloroethene	10.727	164	47572	20.43	ug/l	98
65) Chlorobenzene	11.520	112	110864	20.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	39435	20.24	ug/l	98
67) Ethyl Benzene	11.599	91	208538	20.42	ug/l	99
68) m/p-Xylenes	11.709	106	153599	40.48	ug/l	99
69) o-Xylene	12.032	106	72626	20.42	ug/l	99
70) Styrene	12.050	104	117290	19.91	ug/l	99
71) Bromoform	12.215	173	22080	19.11	ug/l #	99
73) Isopropylbenzene	12.337	105	197124	20.88	ug/l	100
74) N-amyl acetate	12.148	43	61197	19.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	35776	20.03	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	27579m	21.03	ug/l	
77) Bromobenzene	12.611	156	44126	20.85	ug/l	98
78) n-propylbenzene	12.678	91	232818	20.87	ug/l	100
79) 2-Chlorotoluene	12.764	91	126880	20.80	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	160880	20.96	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	14003	19.10	ug/l	97
82) 4-Chlorotoluene	12.861	91	134215	20.84	ug/l	100
83) tert-Butylbenzene	13.081	119	137984	21.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	161057	20.80	ug/l	100
85) sec-Butylbenzene	13.257	105	187968	20.52	ug/l	98
86) p-Isopropyltoluene	13.373	119	172903	20.75	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	82715	20.93	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	82238	20.67	ug/l	99
89) n-Butylbenzene	13.702	91	165287	20.78	ug/l	99
90) Hexachloroethane	13.965	117	22867	20.45	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	72101	20.55	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6001	18.72	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	46468	20.03	ug/l	100
94) Hexachlorobutadiene	15.117	225	24370	20.12	ug/l	99
95) Naphthalene	15.239	128	95393	18.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	39094	19.10	ug/l	98

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

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