

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006530.D
 Acq On : 29 Oct 2021 11:22
 Operator : SY/MD
 Sample : VY1029SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Quant Time: Oct 30 02:56:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/01/2021
 Supervised By :Mahesh Dadoda 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	147013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	215118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91038	50.323	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.640%			
35) Dibromofluoromethane	7.728	113	63485	49.222	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.440%			
50) Toluene-d8	10.185	98	277230	50.705	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.420%			
62) 4-Bromofluorobenzene	12.483	95	92815	50.394	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	23176	17.054	ug/l	99
3) Chloromethane	2.119	50	32515	17.726	ug/l	97
4) Vinyl Chloride	2.253	62	36875	18.000	ug/l	100
5) Bromomethane	2.644	94	28117	20.602	ug/l	98
6) Chloroethane	2.796	64	22922	18.948	ug/l	97
7) Trichlorofluoromethane	3.131	101	48442	18.623	ug/l	100
8) Diethyl Ether	3.534	74	16286	19.117	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	25934	19.583	ug/l	99
10) Methyl Iodide	4.101	142	19282	17.028	ug/l	99
11) Tert butyl alcohol	4.960	59	14719	89.559	ug/l #	84
12) 1,1-Dichloroethene	3.881	96	24875	18.742	ug/l	99
13) Acrolein	3.735	56	11264	99.139	ug/l	98
14) Allyl chloride	4.491	41	55210	20.210	ug/l	96
15) Acrylonitrile	5.174	53	46692	97.328	ug/l	99
16) Acetone	3.954	43	44721	85.850	ug/l	100
17) Carbon Disulfide	4.198	76	76440	17.559	ug/l	99
18) Methyl Acetate	4.485	43	33120	19.607	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	80785	18.985	ug/l	98
20) Methylene Chloride	4.722	84	37728	20.994	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	27833	18.492	ug/l	94
22) Diisopropyl ether	6.125	45	114035	20.945	ug/l	98
23) Vinyl Acetate	6.064	43	328701	99.264	ug/l	98
24) 1,1-Dichloroethane	6.021	63	57796	20.302	ug/l	100
25) 2-Butanone	6.990	43	65298	95.681	ug/l	100
26) 2,2-Dichloropropane	6.990	77	53119	19.617	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	32623	18.986	ug/l	96
28) Bromochloromethane	7.338	49	26602	23.031	ug/l	91
29) Tetrahydrofuran	7.350	42	42335	101.112	ug/l	95
30) Chloroform	7.509	83	57275	19.482	ug/l	99
31) Cyclohexane	7.789	56	55093	18.811	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	51706	19.047	ug/l	99
36) 1,1-Dichloropropene	7.923	75	42912	18.768	ug/l	98
37) Ethyl Acetate	7.076	43	28650	19.800	ug/l	100
38) Carbon Tetrachloride	7.905	117	45949	18.217	ug/l	95
39) Methylcyclohexane	9.185	83	50436	18.121	ug/l	95
40) Benzene	8.167	78	121476	18.628	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	15712m	19.136	ug/l	
42) 1,2-Dichloroethane	8.240	62	43629	18.735	ug/l	98
43) Isopropyl Acetate	8.277	43	54228	19.318	ug/l	99
44) Trichloroethene	8.941	130	32167	19.126	ug/l	98
45) 1,2-Dichloropropane	9.222	63	32309	20.002	ug/l	96
46) Dibromomethane	9.307	93	16363	18.455	ug/l	98
47) Bromodichloromethane	9.502	83	43694	18.944	ug/l	98
48) Methyl methacrylate	9.295	41	25937	19.936	ug/l	92
49) 1,4-Dioxane	9.301	88	4203	349.167	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	145067	98.585	ug/l	98
52) Toluene	10.246	92	76047	18.587	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	46665	18.780	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	51391	19.090	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	23157	18.890	ug/l	93
56) Ethyl methacrylate	10.508	69	35600	18.797	ug/l	99
57) 1,3-Dichloropropane	10.795	76	42978	19.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	88297	102.199	ug/l	98
59) 2-Hexanone	10.831	43	103287	96.984	ug/l	100
60) Dibromochloromethane	10.984	129	27932	18.472	ug/l	100
61) 1,2-Dibromoethane	11.093	107	22340	19.356	ug/l	96
64) Tetrachloroethene	10.721	164	35982	19.129	ug/l	97
65) Chlorobenzene	11.520	112	78775	18.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	29370	18.635	ug/l	98
67) Ethyl Benzene	11.593	91	149363	18.736	ug/l	99
68) m/p-Xylenes	11.703	106	111797	37.278	ug/l	98
69) o-Xylene	12.032	106	53470	18.685	ug/l	98
70) Styrene	12.044	104	91633	18.728	ug/l	98
71) Bromoform	12.209	173	18614	18.684	ug/l #	97
73) Isopropylbenzene	12.331	105	142162	19.107	ug/l	99
74) N-amyl acetate	12.142	43	48281	19.561	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	24226	18.807	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	22281m	20.328	ug/l	
77) Bromobenzene	12.611	156	35440	20.217	ug/l	97
78) n-propylbenzene	12.672	91	180483	19.628	ug/l	98
79) 2-Chlorotoluene	12.758	91	102302	20.096	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	126473	20.300	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	10267	19.230	ug/l	98
82) 4-Chlorotoluene	12.855	91	107446	20.256	ug/l	99
83) tert-Butylbenzene	13.075	119	102798	19.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	119348	19.159	ug/l	99
85) sec-Butylbenzene	13.251	105	157100	19.543	ug/l	100
86) p-Isopropyltoluene	13.367	119	130294	18.999	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	66592	18.928	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	66796	19.309	ug/l	99
89) n-Butylbenzene	13.696	91	127549	19.771	ug/l	99
90) Hexachloroethane	13.959	117	24702	19.943	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	58522	18.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5044	18.445	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	38391	18.845	ug/l	100
94) Hexachlorobutadiene	15.111	225	24823	19.012	ug/l	99
95) Naphthalene	15.239	128	72077	18.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	33037	18.519	ug/l	99

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

