

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006529.D
 Acq On : 29 Oct 2021 10:59
 Operator : SY/MD
 Sample : VY1029SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Quant Time: Oct 30 02:56:12 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	142960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	226225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	207438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	89293	50.757	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.520%			
35) Dibromofluoromethane	7.722	113	63559	50.407	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.820%			
50) Toluene-d8	10.185	98	275747	51.588	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.483	95	92666	51.465	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	23307	17.637	ug/l	94
3) Chloromethane	2.119	50	29950	16.791	ug/l	100
4) Vinyl Chloride	2.259	62	36359	18.252	ug/l	99
5) Bromomethane	2.643	94	28240	21.278	ug/l	97
6) Chloroethane	2.796	64	21509	18.284	ug/l	99
7) Trichlorofluoromethane	3.131	101	49044	19.389	ug/l	98
8) Diethyl Ether	3.533	74	15481	18.688	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.905	101	25855	20.077	ug/l	99
10) Methyl Iodide	4.100	142	18653	16.966	ug/l	98
11) Tert butyl alcohol	4.960	59	14641	91.610	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	25275	19.583	ug/l	95
13) Acrolein	3.734	56	10464	94.709	ug/l	98
14) Allyl chloride	4.484	41	55409	20.858	ug/l	97
15) Acrylonitrile	5.173	53	44611	95.627	ug/l	98
16) Acetone	3.954	43	43592	86.055	ug/l	100
17) Carbon Disulfide	4.198	76	77160	18.227	ug/l	98
18) Methyl Acetate	4.484	43	32248	19.632	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	80154	19.371	ug/l	95
20) Methylene Chloride	4.722	84	36365	20.771	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	28264	19.311	ug/l	92
22) Diisopropyl ether	6.124	45	113267	21.394	ug/l	99
23) Vinyl Acetate	6.069	43	321445	99.825	ug/l	97
24) 1,1-Dichloroethane	6.021	63	57445	20.751	ug/l	98
25) 2-Butanone	6.990	43	62282	93.849	ug/l	99
26) 2,2-Dichloropropane	6.984	77	52784	20.046	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	33618	20.119	ug/l	98
28) Bromochloromethane	7.337	49	25277	22.505	ug/l	94
29) Tetrahydrofuran	7.350	42	39112	96.063	ug/l	97
30) Chloroform	7.508	83	57006	19.940	ug/l	94
31) Cyclohexane	7.789	56	55737	19.571	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	52079	19.728	ug/l	99
36) 1,1-Dichloropropene	7.923	75	42684	19.096	ug/l	99
37) Ethyl Acetate	7.075	43	28078	19.848	ug/l	99
38) Carbon Tetrachloride	7.904	117	46220	18.744	ug/l	96
39) Methylcyclohexane	9.185	83	51205	18.818	ug/l	100
40) Benzene	8.167	78	123877	19.431	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	15816m	19.703	ug/l	
42) 1,2-Dichloroethane	8.240	62	42353	18.603	ug/l	99
43) Isopropyl Acetate	8.276	43	51957	18.933	ug/l	98
44) Trichloroethene	8.941	130	32389	19.699	ug/l	96
45) 1,2-Dichloropropane	9.221	63	31501	19.948	ug/l	100
46) Dibromomethane	9.307	93	16404	18.925	ug/l	98
47) Bromodichloromethane	9.502	83	43214	19.164	ug/l	99
48) Methyl methacrylate	9.294	41	24701	19.420	ug/l	94
49) 1,4-Dioxane	9.301	88	4143	352.055	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	137389	95.503	ug/l	99
52) Toluene	10.245	92	76412	19.103	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	47181	19.423	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	51229	19.465	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	23395	19.520	ug/l	98
56) Ethyl methacrylate	10.514	69	35314	19.073	ug/l	97
57) 1,3-Dichloropropane	10.794	76	42166	19.359	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	86930	102.919	ug/l	98
59) 2-Hexanone	10.837	43	99049	95.132	ug/l	99
60) Dibromochloromethane	10.989	129	27256	18.437	ug/l	100
61) 1,2-Dibromoethane	11.093	107	21038	18.644	ug/l	98
64) Tetrachloroethene	10.721	164	36462	20.102	ug/l	95
65) Chlorobenzene	11.520	112	79014	19.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	29175	19.197	ug/l	97
67) Ethyl Benzene	11.593	91	149563	19.456	ug/l	99
68) m/p-Xylenes	11.703	106	110721	38.286	ug/l	98
69) o-Xylene	12.032	106	53225	19.288	ug/l	99
70) Styrene	12.044	104	92487	19.603	ug/l	99
71) Bromoform	12.209	173	18069	18.809	ug/l #	97
73) Isopropylbenzene	12.330	105	146067	20.273	ug/l	99
74) N-amyl acetate	12.148	43	47805	20.001	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.586	83	23292	18.673	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	18933m	17.838	ug/l	
77) Bromobenzene	12.611	156	32574	19.189	ug/l	96
78) n-propylbenzene	12.672	91	179995	20.214	ug/l	100
79) 2-Chlorotoluene	12.757	91	100361	20.359	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	122452	20.296	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	9812	18.978	ug/l	98
82) 4-Chlorotoluene	12.855	91	103920	20.231	ug/l	99
83) tert-Butylbenzene	13.074	119	105789	20.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	120807	20.026	ug/l	99
85) sec-Butylbenzene	13.257	105	157332	20.211	ug/l	99
86) p-Isopropyltoluene	13.373	119	135869	20.459	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	68828	20.202	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	67309	20.093	ug/l	98
89) n-Butylbenzene	13.696	91	129579	20.742	ug/l	99
90) Hexachloroethane	13.964	117	24580	20.493	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	59327	19.853	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5013	18.930	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	38024	19.275	ug/l	99
94) Hexachlorobutadiene	15.110	225	25012	19.782	ug/l	99
95) Naphthalene	15.238	128	69595	18.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	32310	18.703	ug/l	98

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

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