

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076804.D
 Acq On : 26 Jul 2023 14:26
 Operator : KP/SY
 Sample : VD0726SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0726SBS01

Quant Time: Jul 27 04:22:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	207262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	357779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96036	46.520	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.040%		
35) Dibromofluoromethane	7.804	113	117469	52.248	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.500%		
50) Toluene-d8	10.269	98	390796	48.588	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.180%		
62) 4-Bromofluorobenzene	12.575	95	125204	48.120	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34370	21.206	ug/l	93
3) Chloromethane	2.146	50	46408	16.599	ug/l	97
4) Vinyl Chloride	2.281	62	68160	18.288	ug/l	98
5) Bromomethane	2.681	94	57063	18.609	ug/l	99
6) Chloroethane	2.828	64	50699	18.017	ug/l	98
7) Trichlorofluoromethane	3.169	101	69699	21.017	ug/l	98
8) Diethyl Ether	3.587	74	20977	18.372	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.958	101	48629	22.308	ug/l	97
10) Methyl Iodide	4.158	142	46609	18.967	ug/l	92
11) Tert butyl alcohol	5.052	59	15681	101.793	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	39907	19.485	ug/l	91
13) Acrolein	3.793	56	10952	104.327	ug/l	97
14) Allyl chloride	4.558	41	47371	17.607	ug/l	93
15) Acrylonitrile	5.257	53	51259	91.405	ug/l	96
16) Acetone	4.022	43	47026	95.383	ug/l	95
17) Carbon Disulfide	4.263	76	78542	16.419	ug/l	99
18) Methyl Acetate	4.558	43	36230	19.559	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	105802	19.264	ug/l	97
20) Methylene Chloride	4.793	84	77688	20.357	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	45817	19.245	ug/l	95
22) Diisopropyl ether	6.216	45	119336	18.731	ug/l	98
23) Vinyl Acetate	6.152	43	267587	84.887	ug/l	96
24) 1,1-Dichloroethane	6.116	63	84344	19.635	ug/l	98
25) 2-Butanone	7.081	43	64141	97.208	ug/l #	79
26) 2,2-Dichloropropane	7.069	77	80102	21.633	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	57079	19.449	ug/l	94
28) Bromochloromethane	7.428	49	23022	21.437	ug/l	85
29) Tetrahydrofuran	7.446	42	35136	90.126	ug/l	91
30) Chloroform	7.593	83	95889	20.381	ug/l	94
31) Cyclohexane	7.875	56	57870	19.048	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	81026	21.346	ug/l	99
36) 1,1-Dichloropropene	8.004	75	59339	20.198	ug/l	99
37) Ethyl Acetate	7.169	43	25743	19.593	ug/l	100
38) Carbon Tetrachloride	7.987	117	62808	22.327	ug/l	99
39) Methylcyclohexane	9.269	83	67664	19.946	ug/l	96
40) Benzene	8.246	78	186218	20.089	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16343	20.369	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	51083	21.209	ug/l	96
43) Isopropyl Acetate	8.357	43	49901	19.461	ug/l #	79
44) Trichloroethene	9.028	130	53424	21.149	ug/l	98
45) 1,2-Dichloropropane	9.298	63	49035	20.492	ug/l	97
46) Dibromomethane	9.393	93	30255	21.601	ug/l	91
47) Bromodichloromethane	9.587	83	75035	21.348	ug/l	96
48) Methyl methacrylate	9.381	41	21525	18.444	ug/l #	84
49) 1,4-Dioxane	9.381	88	6603	367.951	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	132322	96.923	ug/l	94
52) Toluene	10.334	92	123724	20.322	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	63668	19.515	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	77356	20.119	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	42813	20.932	ug/l	98
56) Ethyl methacrylate	10.598	69	44328	18.778	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	65974	19.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	95079	104.051	ug/l	99
59) 2-Hexanone	10.922	43	99288	101.922	ug/l	90
60) Dibromochloromethane	11.075	129	50710	21.342	ug/l	98
61) 1,2-Dibromoethane	11.181	107	39792	20.985	ug/l	97
64) Tetrachloroethene	10.810	164	45313	24.182	ug/l	97
65) Chlorobenzene	11.610	112	141207	21.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	54086	21.981	ug/l	95
67) Ethyl Benzene	11.681	91	240326	20.705	ug/l	95
68) m/p-Xylenes	11.792	106	186814	41.908	ug/l	93
69) o-Xylene	12.122	106	86857	20.149	ug/l	92
70) Styrene	12.134	104	152428	20.199	ug/l	97
71) Bromoform	12.298	173	29454	21.856	ug/l #	97
73) Isopropylbenzene	12.422	105	234904	20.604	ug/l	96
74) N-amyl acetate	12.234	43	47865	19.929	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	49801	20.345	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	32919m	22.028	ug/l	
77) Bromobenzene	12.704	156	55354	21.034	ug/l	89
78) n-propylbenzene	12.763	91	296161	21.427	ug/l	95
79) 2-Chlorotoluene	12.851	91	159004	20.981	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	196202	21.283	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	13851	19.726	ug/l	98
82) 4-Chlorotoluene	12.945	91	165223	20.869	ug/l	96
83) tert-Butylbenzene	13.169	119	170981	21.065	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	190082	20.177	ug/l	98
85) sec-Butylbenzene	13.345	105	271301	21.877	ug/l	95
86) p-Isopropyltoluene	13.463	119	214741	20.967	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	114086	21.077	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	114359	21.564	ug/l	97
89) n-Butylbenzene	13.786	91	211636	21.117	ug/l	99
90) Hexachloroethane	14.051	117	43075	22.749	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	101370	21.254	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6411	18.368	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	62342	21.410	ug/l	95
94) Hexachlorobutadiene	15.198	225	32521	23.222	ug/l	100
95) Naphthalene	15.328	128	120679	19.141	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	55603	21.279	ug/l	98

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

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