

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076897.D
 Acq On : 02 Aug 2023 13:14
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Aug 03 01:23:51 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/03/2023
1) Pentafluorobenzene	7.869	168	171405	50.000	ug/l	# 0.00	Supervised By : Mahesh adoda
34) 1,4-Difluorobenzene	8.775	114	312141	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.581	117	288590	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.516	152	138238	50.000	ug/l	0.00	
System Monitoring Compounds							08/03/2023
33) 1,2-Dichloroethane-d4	8.222	65	79449	46.536	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.080%	
35) Dibromofluoromethane	7.804	113	96003	48.943	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%	
50) Toluene-d8	10.269	98	314182	44.774	ug/l	0.00	
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.540%	
62) 4-Bromofluorobenzene	12.575	95	104776	46.156	ug/l	0.00	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.320%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.928	85	59317	44.254	ug/l	98	
3) Chloromethane	2.146	50	91951	39.768	ug/l	93	
4) Vinyl Chloride	2.281	62	132971	43.142	ug/l	99	
5) Bromomethane	2.687	94	120927	47.685	ug/l	98	
6) Chloroethane	2.828	64	106272	45.667	ug/l	91	
7) Trichlorofluoromethane	3.175	101	133447	48.658	ug/l	97	
8) Diethyl Ether	3.593	74	49464	52.384	ug/l	95	
9) 1,1,2-Trichlorotrifluo...	3.958	101	89422	49.602	ug/l	96	
10) Methyl Iodide	4.158	142	110137	54.196	ug/l	91	
11) Tert butyl alcohol	5.052	59	33203	260.626	ug/l	# 82	
12) 1,1-Dichloroethene	3.934	96	81540	48.142	ug/l	90	
13) Acrolein	3.793	56	22041	253.880	ug/l	99	
14) Allyl chloride	4.558	41	113210	50.881	ug/l	92	
15) Acrylonitrile	5.252	53	124646	268.766	ug/l	99	
16) Acetone	4.016	43	110998	272.236	ug/l	# 84	
17) Carbon Disulfide	4.263	76	170476	43.094	ug/l	97	
18) Methyl Acetate	4.558	43	84965	55.464	ug/l	94	
19) Methyl tert-butyl Ether	5.316	73	245352	54.017	ug/l	99	
20) Methylene Chloride	4.799	84	152649	66.214	ug/l	91	
21) trans-1,2-Dichloroethene	5.305	96	97237	49.389	ug/l	93	
22) Diisopropyl ether	6.210	45	287920	54.646	ug/l	98	
23) Vinyl Acetate	6.152	43	705184	270.506	ug/l	95	
24) 1,1-Dichloroethane	6.110	63	190314	53.573	ug/l	98	
25) 2-Butanone	7.075	43	154287	282.742	ug/l	# 84	
26) 2,2-Dichloropropane	7.069	77	165569	54.068	ug/l	94	
27) cis-1,2-Dichloroethene	7.075	96	132129	54.440	ug/l	97	
28) Bromochloromethane	7.422	49	40904	46.056	ug/l	86	
29) Tetrahydrofuran	7.446	42	87760	272.201	ug/l	92	
30) Chloroform	7.593	83	211545	54.370	ug/l	99	
31) Cyclohexane	7.869	56	111346	44.316	ug/l	92	
32) 1,1,1-Trichloroethane	7.793	97	167509	53.360	ug/l	99	
36) 1,1-Dichloropropene	8.004	75	130808	51.034	ug/l	97	
37) Ethyl Acetate	7.169	43	64330	56.121	ug/l	# 89	
38) Carbon Tetrachloride	7.987	117	133232	54.286	ug/l	98	
39) Methylcyclohexane	9.275	83	138806	46.900	ug/l	96	
40) Benzene	8.246	78	424536	52.493	ug/l	98	

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Reviewed By :Semsettin
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.393	41	37927	54.183	ug/l	#	88
42) 1,2-Dichloroethane	8.322	62	116354	55.371	ug/l		97
43) Isopropyl Acetate	8.357	43	118994	53.192	ug/l		92
44) Trichloroethene	9.028	130	114738	52.063	ug/l		94
45) 1,2-Dichloropropane	9.304	63	111525	53.421	ug/l		98
46) Dibromomethane	9.393	93	68755	56.265	ug/l		89
47) Bromodichloromethane	9.581	83	168429	54.925	ug/l		100
48) Methyl methacrylate	9.381	41	52007	51.079	ug/l		86
49) 1,4-Dioxane	9.393	88	16512	1054.661	ug/l		97
51) 4-Methyl-2-Pentanone	10.157	43	333393	279.907	ug/l		92
52) Toluene	10.334	92	273738	51.535	ug/l		98
53) t-1,3-Dichloropropene	10.551	75	155110	54.495	ug/l		97
54) cis-1,3-Dichloropropene	10.016	75	178245	53.136	ug/l	#	91
55) 1,1,2-Trichloroethane	10.734	97	96681	54.181	ug/l		94
56) Ethyl methacrylate	10.598	69	108592	52.726	ug/l	#	89
57) 1,3-Dichloropropane	10.875	76	154243	53.078	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	179618	225.308	ug/l		96
59) 2-Hexanone	10.922	43	233225	274.418	ug/l		93
60) Dibromochloromethane	11.069	129	115555	55.744	ug/l		96
61) 1,2-Dibromoethane	11.181	107	88954	53.769	ug/l		100
64) Tetrachloroethene	10.804	164	83134	50.519	ug/l		94
65) Chlorobenzene	11.604	112	309258	53.282	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	120013	55.538	ug/l		96
67) Ethyl Benzene	11.681	91	530411	52.036	ug/l		98
68) m/p-Xylenes	11.792	106	411056	105.001	ug/l		92
69) o-Xylene	12.122	106	199273	52.639	ug/l		92
70) Styrene	12.134	104	357724	53.979	ug/l		98
71) Bromoform	12.298	173	67218	56.796	ug/l	#	96
73) Isopropylbenzene	12.422	105	521379	51.985	ug/l		96
74) N-amyl acetate	12.234	43	112624	53.303	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.675	83	118791	55.164	ug/l		96
76) 1,2,3-Trichloropropane	12.728	75	72256m	54.963	ug/l		
77) Bromobenzene	12.704	156	121825	52.623	ug/l		88
78) n-propylbenzene	12.763	91	638738	52.533	ug/l		95
79) 2-Chlorotoluene	12.851	91	348427	52.263	ug/l		97
80) 1,3,5-Trimethylbenzene	12.904	105	421368	51.958	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	33612	54.415	ug/l		97
82) 4-Chlorotoluene	12.945	91	364560	52.344	ug/l		96
83) tert-Butylbenzene	13.169	119	381976	53.494	ug/l		98
84) 1,2,4-Trimethylbenzene	13.210	105	429861	51.870	ug/l		96
85) sec-Butylbenzene	13.345	105	565431	51.829	ug/l		96
86) p-Isopropyltoluene	13.463	119	472182	52.408	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	252959	53.124	ug/l		98
88) 1,4-Dichlorobenzene	13.539	146	248621	53.293	ug/l		98
89) n-Butylbenzene	13.786	91	456687	51.799	ug/l		97
90) Hexachloroethane	14.051	117	96975	58.219	ug/l		83
91) 1,2-Dichlorobenzene	13.834	146	220338	52.514	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	15018	48.913	ug/l		95
93) 1,2,4-Trichlorobenzene	15.098	180	135717	52.982	ug/l		97
94) Hexachlorobutadiene	15.204	225	61637	50.032	ug/l		98
95) Naphthalene	15.333	128	293267	52.876	ug/l		98
96) 1,2,3-Trichlorobenzene	15.522	180	122397	53.246	ug/l		99

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 Dadoda

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

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Supervised By :Mahesh
Dadoda

08/03/2023

