

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015074.D
 Acq On : 14 Aug 2023 12:39
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081423

Quant Time: Aug 14 15:37:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2023
 Supervised By :Semsettin Yesilyurt 08/15/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	226715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	363426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144899	53.242	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.480%			
35) Dibromofluoromethane	7.716	113	128255	54.856	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.720%			
50) Toluene-d8	10.179	98	472558	54.295	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.580%			
62) 4-Bromofluorobenzene	12.477	95	171364	53.906	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	51608	53.509	ug/l	97
3) Chloromethane	2.107	50	73978	55.021	ug/l	99
4) Vinyl Chloride	2.247	62	90704	50.278	ug/l	99
5) Bromomethane	2.637	94	63274	50.104	ug/l	98
6) Chloroethane	2.784	64	65129	49.725	ug/l	94
7) Trichlorofluoromethane	3.113	101	152931	50.309	ug/l	99
8) Diethyl Ether	3.521	74	61253	51.379	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	95728	50.670	ug/l	96
10) Methyl Iodide	4.082	142	96379	51.953	ug/l	97
11) Tert butyl alcohol	4.966	59	125557	282.316	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	79520	50.406	ug/l	92
13) Acrolein	3.729	56	48840	283.041	ug/l	97
14) Allyl chloride	4.472	41	139556	49.895	ug/l	97
15) Acrylonitrile	5.155	53	216609	268.106	ug/l	98
16) Acetone	3.948	43	234379	263.622	ug/l	91
17) Carbon Disulfide	4.186	76	144997	52.226	ug/l	96
18) Methyl Acetate	4.472	43	171053	52.501	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	342483	51.057	ug/l	100
20) Methylene Chloride	4.704	84	116755	55.223	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	89935	50.540	ug/l	99
22) Diisopropyl ether	6.112	45	351608	50.379	ug/l	95
23) Vinyl Acetate	6.057	43	1093037	262.469	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	187837	49.712	ug/l	97
25) 2-Butanone	6.984	43	334566	265.775	ug/l	97
26) 2,2-Dichloropropane	6.978	77	183239	50.306	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	121174	49.850	ug/l	97
28) Bromochloromethane	7.326	49	87719	50.531	ug/l	95
29) Tetrahydrofuran	7.344	42	200430	266.278	ug/l	93
30) Chloroform	7.502	83	209062	49.356	ug/l	93
31) Cyclohexane	7.777	56	130423	53.849	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	182024	50.500	ug/l	99
36) 1,1-Dichloropropene	7.911	75	135227	52.279	ug/l	99
37) Ethyl Acetate	7.069	43	131144	54.393	ug/l	97
38) Carbon Tetrachloride	7.899	117	157963	51.601	ug/l	99
39) Methylcyclohexane	9.179	83	152138	52.467	ug/l	94
40) Benzene	8.155	78	401703	51.367	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	71603m	57.593	ug/l	
42) 1,2-Dichloroethane	8.234	62	147511	51.938	ug/l	96
43) Isopropyl Acetate	8.270	43	233970	53.288	ug/l	98
44) Trichloroethene	8.935	130	116356	51.645	ug/l	96
45) 1,2-Dichloropropane	9.215	63	113030	51.256	ug/l	98
46) Dibromomethane	9.301	93	72776	52.326	ug/l	97
47) Bromodichloromethane	9.496	83	171242	51.596	ug/l	99
48) Methyl methacrylate	9.289	41	102171	54.398	ug/l	94
49) 1,4-Dioxane	9.301	88	29470	1059.620	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	699530	274.903	ug/l	94
52) Toluene	10.240	92	265403	51.490	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	181451	52.022	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	189922	51.702	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	109440	51.750	ug/l	97
56) Ethyl methacrylate	10.508	69	167200	54.023	ug/l	92
57) 1,3-Dichloropropane	10.788	76	180427	52.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	351835	244.275	ug/l	93
59) 2-Hexanone	10.831	43	529349	281.074	ug/l	93
60) Dibromochloromethane	10.983	129	132310	52.449	ug/l	99
61) 1,2-Dibromoethane	11.087	107	104272	51.903	ug/l	100
64) Tetrachloroethene	10.715	164	117464	51.234	ug/l	98
65) Chlorobenzene	11.514	112	304300	50.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	125155	51.444	ug/l	99
67) Ethyl Benzene	11.587	91	536875	51.105	ug/l	100
68) m/p-Xylenes	11.697	106	405019	101.510	ug/l	97
69) o-Xylene	12.026	106	203178	51.118	ug/l	98
70) Styrene	12.038	104	352620	51.258	ug/l	97
71) Bromoform	12.203	173	92495	52.446	ug/l #	100
73) Isopropylbenzene	12.325	105	546104	50.137	ug/l	100
74) N-amyl acetate	12.142	43	210754	53.591	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	149288	52.625	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	106050m	51.532	ug/l	
77) Bromobenzene	12.605	156	132804	50.020	ug/l	96
78) n-propylbenzene	12.666	91	650840	50.319	ug/l	99
79) 2-Chlorotoluene	12.751	91	375312	50.299	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	461414	50.820	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	50659	54.069	ug/l	97
82) 4-Chlorotoluene	12.849	91	387306	50.243	ug/l	99
83) tert-Butylbenzene	13.074	119	426347	51.338	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	464679	51.217	ug/l	100
85) sec-Butylbenzene	13.251	105	628275	51.633	ug/l	100
86) p-Isopropyltoluene	13.367	119	522613	51.803	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	264824	50.289	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	265866	50.336	ug/l	99
89) n-Butylbenzene	13.690	91	491750	51.698	ug/l	96
90) Hexachloroethane	13.958	117	100869	50.400	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	252315	51.289	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	30393	55.306	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	163683	51.827	ug/l	99
94) Hexachlorobutadiene	15.111	225	88454	51.488	ug/l	99
95) Naphthalene	15.233	128	422499	53.702	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	151758	53.206	ug/l	99

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

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