

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015639.D
 Acq On : 19 Sep 2023 12:26
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 19 14:03:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 14:01:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	162923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	253209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40793	22.756	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	45.520%#		
35) Dibromofluoromethane	7.716	113	36742	22.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	44.440%#		
50) Toluene-d8	10.179	98	128766	22.970	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	45.940%#		
62) 4-Bromofluorobenzene	12.483	95	49618	22.554	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	45.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19816	18.452	ug/l	95
3) Chloromethane	2.113	50	26190	19.331	ug/l	98
4) Vinyl Chloride	2.247	62	28981	18.709	ug/l	95
5) Bromomethane	2.637	94	21804	16.594	ug/l	96
6) Chloroethane	2.778	64	22148	19.290	ug/l	95
7) Trichlorofluoromethane	3.119	101	50254	19.344	ug/l	98
8) Diethyl Ether	3.528	74	21842	19.715	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	31683	19.478	ug/l	93
10) Methyl Iodide	4.088	142	29834	17.475	ug/l	99
11) Tert butyl alcohol	4.972	59	52975	122.347	ug/l	100
12) 1,1-Dichloroethene	3.869	96	27476	19.169	ug/l	91
13) Acrolein	3.729	56	25820	94.050	ug/l	99
14) Allyl chloride	4.472	41	50915	19.428	ug/l	94
15) Acrylonitrile	5.167	53	85603	105.330	ug/l	97
16) Acetone	3.954	43	102852	107.213	ug/l	94
17) Carbon Disulfide	4.192	76	49844	17.901	ug/l	97
18) Methyl Acetate	4.485	43	65189	20.253	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	116385	19.937	ug/l	100
20) Methylene Chloride	4.710	84	45729	18.740	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	32613	19.906	ug/l	94
22) Diisopropyl ether	6.125	45	126954	20.129	ug/l	94
23) Vinyl Acetate	6.058	43	396520	101.859	ug/l	96
24) 1,1-Dichloroethane	6.015	63	67765	19.713	ug/l	97
25) 2-Butanone	6.990	43	141313	104.215	ug/l	100
26) 2,2-Dichloropropane	6.984	77	57391	18.266	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	42324	19.460	ug/l	96
28) Bromochloromethane	7.338	49	18810	20.168	ug/l	99
29) Tetrahydrofuran	7.350	42	80447	104.966	ug/l	94
30) Chloroform	7.509	83	73234	19.893	ug/l	94
31) Cyclohexane	7.783	56	46741	18.822	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	59588	19.607	ug/l	98
36) 1,1-Dichloropropene	7.917	75	46550	19.042	ug/l	99
37) Ethyl Acetate	7.082	43	52298	21.448	ug/l	97
38) Carbon Tetrachloride	7.899	117	51479	19.400	ug/l	98
39) Methylcyclohexane	9.185	83	51355	18.993	ug/l	94
40) Benzene	8.161	78	146610	19.666	ug/l	100

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41) Methacrylonitrile	7.332	41	30046m	23.501	ug/l	
42) 1,2-Dichloroethane	8.240	62	51271	20.081	ug/l	94
43) Isopropyl Acetate	8.277	43	85215	20.459	ug/l	98
44) Trichloroethene	8.941	130	41388	19.877	ug/l	97
45) 1,2-Dichloropropane	9.216	63	41206	19.820	ug/l	95
46) Dibromomethane	9.307	93	26057	19.594	ug/l	95
47) Bromodichloromethane	9.496	83	58771	19.827	ug/l	99
48) Methyl methacrylate	9.295	41	37209	20.352	ug/l	91
49) 1,4-Dioxane	9.307	88	11078	421.660	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	271024	104.980	ug/l	94
52) Toluene	10.246	92	94319	19.625	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	62840	19.769	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	67924	19.851	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	39754	20.399	ug/l	94
56) Ethyl methacrylate	10.514	69	57204	19.918	ug/l	91
57) 1,3-Dichloropropane	10.788	76	65384	20.006	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	97831	107.238	ug/l	96
59) 2-Hexanone	10.831	43	212816	107.445	ug/l	92
60) Dibromochloromethane	10.983	129	45178	19.859	ug/l	100
61) 1,2-Dibromoethane	11.087	107	38501	20.194	ug/l	99
64) Tetrachloroethene	10.721	164	44155	20.325	ug/l	98
65) Chlorobenzene	11.514	112	109238	19.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	42574	19.830	ug/l	98
67) Ethyl Benzene	11.593	91	189710	19.638	ug/l	99
68) m/p-Xylenes	11.703	106	146267	39.834	ug/l	96
69) o-Xylene	12.026	106	70354	19.540	ug/l	99
70) Styrene	12.044	104	122052	19.804	ug/l	97
71) Bromoform	12.209	173	30852	19.831	ug/l #	99
73) Isopropylbenzene	12.331	105	189422	19.407	ug/l	100
74) N-amyl acetate	12.142	43	73486	20.031	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	53855	19.825	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	42601m	19.549	ug/l	
77) Bromobenzene	12.605	156	45810	19.120	ug/l	93
78) n-propylbenzene	12.672	91	229965	19.393	ug/l	99
79) 2-Chlorotoluene	12.758	91	130717	19.339	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	159233	19.487	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	17872	19.389	ug/l	94
82) 4-Chlorotoluene	12.855	91	138998	19.699	ug/l	100
83) tert-Butylbenzene	13.075	119	138857	19.402	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	161301	19.729	ug/l	99
85) sec-Butylbenzene	13.251	105	208650	19.481	ug/l	100
86) p-Isopropyltoluene	13.367	119	175092	19.571	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93070	19.580	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93774	19.726	ug/l	98
89) n-Butylbenzene	13.696	91	167561	19.779	ug/l	98
90) Hexachloroethane	13.959	117	32709	18.944	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	86576	19.731	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10974	20.340	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	54666	19.790	ug/l	99
94) Hexachlorobutadiene	15.111	225	28463	20.121	ug/l	96
95) Naphthalene	15.233	128	142308	19.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50490	19.803	ug/l	99

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

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