

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016580.D
 Acq On : 04 Dec 2023 16:33
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120423

Quant Time: Dec 05 01:28:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/05/2023
 Supervised By :Semsettin Yesilyurt 12/05/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	233042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	347844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	290609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	130668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	97453	45.244	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.480%		
35) Dibromofluoromethane	7.728	113	102452	48.942	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.880%		
50) Toluene-d8	10.191	98	395253	49.917	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.840%		
62) 4-Bromofluorobenzene	12.496	95	125190	48.078	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	99562	48.365	ug/l	96
3) Chloromethane	2.119	50	101985	47.757	ug/l	98
4) Vinyl Chloride	2.260	62	106761	49.505	ug/l	96
5) Bromomethane	2.662	94	66967	49.573	ug/l	96
6) Chloroethane	2.802	64	66337	49.799	ug/l	96
7) Trichlorofluoromethane	3.137	101	205652	50.444	ug/l	98
8) Diethyl Ether	3.540	74	50167	44.183	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.912	101	113513	49.790	ug/l	100
10) Methyl Iodide	4.107	142	127183	52.799	ug/l	98
11) Tert butyl alcohol	4.960	59	30392	207.092	ug/l #	79
12) 1,1-Dichloroethene	3.887	96	105719	51.046	ug/l	90
13) Acrolein	3.741	56	44989	210.863	ug/l	98
14) Allyl chloride	4.491	41	156656	49.565	ug/l	96
15) Acrylonitrile	5.174	53	95126	207.573	ug/l	98
16) Acetone	3.954	43	89477	183.575	ug/l	90
17) Carbon Disulfide	4.210	76	294141	50.657	ug/l	98
18) Methyl Acetate	4.485	43	84604	43.790	ug/l	93
19) Methyl tert-butyl Ether	5.235	73	232651	45.698	ug/l	97
20) Methylene Chloride	4.729	84	106579	49.571	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	116989	50.232	ug/l	98
22) Diisopropyl ether	6.131	45	313742	48.266	ug/l	89
23) Vinyl Acetate	6.070	43	692236	221.834	ug/l	95
24) 1,1-Dichloroethane	6.033	63	196641	49.241	ug/l	96
25) 2-Butanone	7.003	43	126238	188.350	ug/l	95
26) 2,2-Dichloropropane	6.996	77	189336	50.432	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	125726	49.043	ug/l	95
28) Bromochloromethane	7.350	49	71157	43.990	ug/l	86
29) Tetrahydrofuran	7.362	42	78768	206.133	ug/l	93
30) Chloroform	7.521	83	204600	48.063	ug/l	96
31) Cyclohexane	7.801	56	175859	47.826	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	201825	50.097	ug/l	97
36) 1,1-Dichloropropene	7.929	75	163122	51.262	ug/l	98
37) Ethyl Acetate	7.082	43	56946	42.768	ug/l	97
38) Carbon Tetrachloride	7.917	117	190016	51.581	ug/l	97
39) Methylcyclohexane	9.197	83	203198	53.001	ug/l	95
40) Benzene	8.173	78	444000	49.503	ug/l	99

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41) Methacrylonitrile	7.320	41	34388m	44.717	ug/l	
42) 1,2-Dichloroethane	8.252	62	118720	45.585	ug/l	97
43) Isopropyl Acetate	8.283	43	113836	44.318	ug/l	92
44) Trichloroethene	8.953	130	134486	49.720	ug/l	96
45) 1,2-Dichloropropane	9.228	63	103883	48.108	ug/l	99
46) Dibromomethane	9.319	93	53424	45.130	ug/l	97
47) Bromodichloromethane	9.508	83	150060	47.615	ug/l	98
48) Methyl methacrylate	9.307	41	65301	44.020	ug/l	91
49) 1,4-Dioxane	9.313	88	10739	896.267	ug/l #	65
51) 4-Methyl-2-Pentanone	10.081	43	285267	213.701	ug/l	95
52) Toluene	10.258	92	284845	50.671	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	138879	46.694	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	167109	47.840	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	74960	45.458	ug/l	95
56) Ethyl methacrylate	10.520	69	69000	45.650	ug/l	90
57) 1,3-Dichloropropane	10.801	76	127441	45.749	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	213568	229.277	ug/l	92
59) 2-Hexanone	10.843	43	199230	197.292	ug/l	93
60) Dibromochloromethane	10.996	129	100612	45.665	ug/l	99
61) 1,2-Dibromoethane	11.099	107	69262	44.657	ug/l	99
64) Tetrachloroethene	10.734	164	135961	51.049	ug/l	98
65) Chlorobenzene	11.532	112	298638	50.736	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	113924	49.520	ug/l	100
67) Ethyl Benzene	11.605	91	550805	52.178	ug/l	98
68) m/p-Xylenes	11.715	106	419546	104.692	ug/l	94
69) o-Xylene	12.044	106	192823	51.543	ug/l	98
70) Styrene	12.057	104	275621	51.350	ug/l	99
71) Bromoform	12.221	173	58346	46.968	ug/l #	96
73) Isopropylbenzene	12.343	105	547877	56.625	ug/l	100
74) N-amyl acetate	12.154	43	89652	46.468	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.593	83	72096	46.848	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	56837m	48.152	ug/l	
77) Bromobenzene	12.624	156	119639	52.465	ug/l	90
78) n-propylbenzene	12.684	91	629952	55.938	ug/l	98
79) 2-Chlorotoluene	12.770	91	342149	53.915	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	433662	55.159	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	24569	46.954	ug/l	96
82) 4-Chlorotoluene	12.867	91	352617	53.699	ug/l	99
83) tert-Butylbenzene	13.087	119	391219	55.694	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	423081	55.093	ug/l	98
85) sec-Butylbenzene	13.264	105	554759	56.230	ug/l	99
86) p-Isopropyltoluene	13.379	119	481913	56.271	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	227208	52.196	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	219319	51.338	ug/l	99
89) n-Butylbenzene	13.709	91	431014	55.963	ug/l	95
90) Hexachloroethane	13.977	117	90390	53.641	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	189264	50.642	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10282	41.751	ug/l	83
93) 1,2,4-Trichlorobenzene	15.019	180	105172	49.870	ug/l	98
94) Hexachlorobutadiene	15.123	225	69618	52.249	ug/l	97
95) Naphthalene	15.251	128	166367	49.146	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	83004	50.456	ug/l	99

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

