

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019370.D
 Acq On : 29 Aug 2024 14:32
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

08/30/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Aug 30 02:07:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	119624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	191826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	163947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	79658	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	6866	6.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.120%#
35) Dibromofluoromethane	7.628	113	7302	6.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	12.040%#
50) Toluene-d8	10.103	98	24125	5.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.800%#
62) 4-Bromofluorobenzene	12.408	95	9377	6.494	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	12.980%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	6292	6.455	ug/l	95
3) Chloromethane	2.068	50	9863	6.220	ug/l	90
4) Vinyl Chloride	2.202	62	11677	6.418	ug/l	99
5) Bromomethane	2.592	94	8940	3.913	ug/l	92
6) Chloroethane	2.733	64	7112	6.418	ug/l	97
7) Trichlorofluoromethane	3.050	101	12330	5.725	ug/l	91
8) Diethyl Ether	3.452	74	2970	5.839	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.799	101	7659	6.264	ug/l	98
10) Methyl Iodide	4.001	142	5683	4.768	ug/l	94
11) Tert butyl alcohol	4.842	59	2147	33.621	ug/l	99
12) 1,1-Dichloroethene	3.781	96	6751	6.054	ug/l	92
13) Acrolein	3.647	56	2300	30.884	ug/l	86
14) Allyl chloride	4.372	41	8524	5.537	ug/l	87
15) Acrylonitrile	5.043	53	6368	30.644	ug/l	98
16) Acetone	3.860	43	7265	32.599	ug/l #	69
17) Carbon Disulfide	4.098	76	18820	5.846	ug/l	96
18) Methyl Acetate	4.379	43	3088m	6.277	ug/l	
19) Methyl tert-butyl Ether	5.098	73	13906	5.470	ug/l	97
20) Methylene Chloride	4.604	84	16087	3.798	ug/l	91
21) trans-1,2-Dichloroethene	5.098	96	7343	5.782	ug/l	96
22) Diisopropyl ether	6.006	45	19096	5.513	ug/l	92
23) Vinyl Acetate	5.951	43	52531	27.250	ug/l	99
24) 1,1-Dichloroethane	5.909	63	12222	5.839	ug/l	93
25) 2-Butanone	6.884	43	8508	28.541	ug/l	93
26) 2,2-Dichloropropane	6.878	77	10170	5.578	ug/l	100
27) cis-1,2-Dichloroethene	6.872	96	8320	5.721	ug/l	96
28) Bromochloromethane	7.232	49	5239	6.092	ug/l #	98
29) Tetrahydrofuran	7.256	42	5219	29.139	ug/l #	72
30) Chloroform	7.409	83	13892	5.929	ug/l	96
31) Cyclohexane	7.695	56	12138	6.299	ug/l #	84
32) 1,1,1-Trichloroethane	7.610	97	11940	5.491	ug/l	95
36) 1,1-Dichloropropene	7.829	75	9313	5.434	ug/l	98
37) Ethyl Acetate	6.976	43	3882	5.722	ug/l #	92
38) Carbon Tetrachloride	7.805	117	11433	5.473	ug/l	94
39) Methylcyclohexane	9.103	83	11650	5.301	ug/l #	86
40) Benzene	8.073	78	29199	5.598	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.201	41	2232m	5.213	ug/l	
42) 1,2-Dichloroethane	8.152	62	8057	5.821	ug/l	95
43) Isopropyl Acetate	8.195	43	7349	5.551	ug/l #	80
44) Trichloroethene	8.860	130	8366	5.840	ug/l	95
45) 1,2-Dichloropropane	9.134	63	6635	5.869	ug/l	89
46) Dibromomethane	9.231	93	4046	5.950	ug/l	97
47) Bromodichloromethane	9.420	83	9971	5.552	ug/l	99
48) Methyl methacrylate	9.213	41	3095	4.944	ug/l #	88
49) 1,4-Dioxane	9.219	88	890	119.463	ug/l #	69
51) 4-Methyl-2-Pentanone	10.000	43	18667	26.925	ug/l	92
52) Toluene	10.164	92	17758	5.193	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	8058	5.432	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	9524	5.423	ug/l #	88
55) 1,1,2-Trichloroethane	10.567	97	5023	5.791	ug/l	97
56) Ethyl methacrylate	10.438	69	5453	4.839	ug/l #	79
57) 1,3-Dichloropropane	10.719	76	8216	5.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	12998	25.729	ug/l	98
59) 2-Hexanone	10.762	43	12459	27.100	ug/l	90
60) Dibromochloromethane	10.908	129	6732	5.692	ug/l	99
61) 1,2-Dibromoethane	11.012	107	4617	5.778	ug/l	98
64) Tetrachloroethene	10.646	164	8969	5.601	ug/l	90
65) Chlorobenzene	11.444	112	20404	5.563	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.518	131	6811	5.355	ug/l	98
67) Ethyl Benzene	11.518	91	32510	5.070	ug/l	100
68) m/p-Xylenes	11.633	106	26892	10.599	ug/l	96
69) o-Xylene	11.957	106	13039	5.517	ug/l	95
70) Styrene	11.969	104	19276	4.985	ug/l	98
71) Bromoform	12.133	173	3617	5.350	ug/l #	100
73) Isopropylbenzene	12.255	105	31686	4.989	ug/l	98
74) N-amyl acetate	12.072	43	5663	4.637	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	4776	5.059	ug/l	89
76) 1,2,3-Trichloropropane	12.560	75	3994m	5.692	ug/l	
77) Bromobenzene	12.536	156	8135	5.436	ug/l	94
78) n-propylbenzene	12.597	91	38812	5.057	ug/l	99
79) 2-Chlorotoluene	12.682	91	21358	4.995	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	26089	5.213	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	1385	4.898	ug/l #	78
82) 4-Chlorotoluene	12.780	91	23157	5.354	ug/l	98
83) tert-Butylbenzene	12.999	119	23494	5.133	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	24873	5.177	ug/l	97
85) sec-Butylbenzene	13.176	105	35062	5.227	ug/l	97
86) p-Isopropyltoluene	13.292	119	28641	5.241	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	15137	5.498	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	15077	5.489	ug/l	94
89) n-Butylbenzene	13.621	91	25379	5.055	ug/l	98
90) Hexachloroethane	13.883	117	5824	5.258	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	13251	5.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	971	8.442	ug/l	70
93) 1,2,4-Trichlorobenzene	14.919	180	7083	5.673	ug/l	98
94) Hexachlorobutadiene	15.029	225	4493	7.431	ug/l	97
95) Naphthalene	15.145	128	10458	5.116	ug/l	96
96) 1,2,3-Trichlorobenzene	15.328	180	6220	5.823	ug/l	96

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

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

