

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
 Data File : VY017737.D
 Acq On : 22 Mar 2024 10:29
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

Quant Time: Mar 23 03:41:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 03:33:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	152862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	243879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	207370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	91480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	12832	9.636	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.280%#		
35) Dibromofluoromethane	7.740	113	14008	9.609	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.220%#		
50) Toluene-d8	10.197	98	52562	9.421	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.840%#		
62) 4-Bromofluorobenzene	12.501	95	15152	9.044	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	14809	11.222	ug/l	99
3) Chloromethane	2.125	50	19117	11.182	ug/l	100
4) Vinyl Chloride	2.265	62	22529	10.899	ug/l	100
5) Bromomethane	2.668	94	17317	10.729	ug/l	96
6) Chloroethane	2.814	64	15122	10.946	ug/l	98
7) Trichlorofluoromethane	3.143	101	24069	11.047	ug/l	94
8) Diethyl Ether	3.546	74	7119	9.911	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.924	101	16379	10.561	ug/l	98
10) Methyl Iodide	4.113	142	18799	9.916	ug/l	98
11) Tert butyl alcohol	4.972	59	4612	52.067	ug/l #	96
12) 1,1-Dichloroethene	3.893	96	14948	10.246	ug/l	94
13) Acrolein	3.747	56	4415	41.350	ug/l	90
14) Allyl chloride	4.509	41	20134	10.184	ug/l	94
15) Acrylonitrile	5.186	53	14041	47.187	ug/l	99
16) Acetone	3.966	43	10424	44.752	ug/l	87
17) Carbon Disulfide	4.222	76	51148	10.478	ug/l	98
18) Methyl Acetate	4.503	43	5496	9.372	ug/l	99
19) Methyl tert-butyl Ether	5.253	73	28901	9.188	ug/l	96
20) Methylene Chloride	4.747	84	19495	11.508	ug/l	92
21) trans-1,2-Dichloroethene	5.247	96	16891	10.156	ug/l	99
22) Diisopropyl ether	6.143	45	41816	9.714	ug/l #	91
23) Vinyl Acetate	6.088	43	113434	44.864	ug/l	95
24) 1,1-Dichloroethane	6.045	63	29295	10.354	ug/l	98
25) 2-Butanone	7.008	43	15383	45.609	ug/l	90
26) 2,2-Dichloropropane	7.002	77	24310	10.108	ug/l	98
27) cis-1,2-Dichloroethene	7.015	96	18940	10.068	ug/l	95
28) Bromochloromethane	7.356	49	10573	9.639	ug/l	92
29) Tetrahydrofuran	7.368	42	10048	44.051	ug/l	88
30) Chloroform	7.527	83	30129	10.272	ug/l	96
31) Cyclohexane	7.807	56	27769	10.543	ug/l	97
32) 1,1,1-Trichloroethane	7.722	97	26544	10.391	ug/l	98
36) 1,1-Dichloropropene	7.941	75	22925	10.179	ug/l	97
37) Ethyl Acetate	7.094	43	7921	9.153	ug/l #	93
38) Carbon Tetrachloride	7.923	117	24126	10.231	ug/l	95
39) Methylcyclohexane	9.203	83	27649	9.564	ug/l	97
40) Benzene	8.185	78	67839	10.063	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	3687	8.625	ug/l	95
42) 1,2-Dichloroethane	8.252	62	15989	9.902	ug/l	99
43) Isopropyl Acetate	8.295	43	13665	8.581	ug/l	97
44) Trichloroethene	8.959	130	18229	10.338	ug/l	95
45) 1,2-Dichloropropane	9.234	63	15252	9.929	ug/l	96
46) Dibromomethane	9.325	93	8302	9.699	ug/l	98
47) Bromodichloromethane	9.514	83	21194	9.684	ug/l	93
48) Methyl methacrylate	9.313	41	5899	8.490	ug/l	94
49) 1,4-Dioxane	9.307	88	1472	176.740	ug/l #	98
51) 4-Methyl-2-Pentanone	10.087	43	33577	41.308	ug/l	94
52) Toluene	10.264	92	41730	10.017	ug/l	97
53) t-1,3-Dichloropropene	10.483	75	17480	9.132	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	22163	9.479	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	10597	9.678	ug/l	95
56) Ethyl methacrylate	10.526	69	11292	8.441	ug/l #	92
57) 1,3-Dichloropropane	10.807	76	18044	9.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	27459	44.225	ug/l	99
59) 2-Hexanone	10.849	43	21361	41.234	ug/l	92
60) Dibromochloromethane	11.002	129	14017	9.570	ug/l	98
61) 1,2-Dibromoethane	11.111	107	9762	9.496	ug/l	97
64) Tetrachloroethene	10.740	164	20516	10.698	ug/l	95
65) Chlorobenzene	11.532	112	45171	10.119	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	14329	9.612	ug/l	96
67) Ethyl Benzene	11.611	91	74040	9.658	ug/l	98
68) m/p-Xylenes	11.721	106	57451	19.318	ug/l	98
69) o-Xylene	12.044	106	26545	9.776	ug/l	98
70) Styrene	12.062	104	41953	9.284	ug/l	99
71) Bromoform	12.221	173	7060	8.993	ug/l #	95
73) Isopropylbenzene	12.349	105	68716	9.948	ug/l	100
74) N-amyl acetate	12.160	43	10533	9.390	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.599	83	10535	9.905	ug/l	96
76) 1,2,3-Trichloropropane	12.648	75	9437m	10.885	ug/l	
77) Bromobenzene	12.629	156	15510	9.862	ug/l	97
78) n-propylbenzene	12.690	91	82128	9.822	ug/l	100
79) 2-Chlorotoluene	12.776	91	45973	10.026	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	54005	9.987	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	3142	8.594	ug/l	90
82) 4-Chlorotoluene	12.873	91	47683	10.135	ug/l	99
83) tert-Butylbenzene	13.093	119	46699	9.543	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	52111	9.830	ug/l	100
85) sec-Butylbenzene	13.270	105	72966	9.949	ug/l	99
86) p-Isopropyltoluene	13.385	119	58256	9.567	ug/l	97
87) 1,3-Dichlorobenzene	13.385	146	31141	9.771	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	30581	9.996	ug/l	98
89) n-Butylbenzene	13.715	91	52176	9.471	ug/l	99
90) Hexachloroethane	13.977	117	12496	10.063	ug/l	96
91) 1,2-Dichlorobenzene	13.757	146	25866	9.798	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	1202	8.487	ug/l	86
93) 1,2,4-Trichlorobenzene	15.025	180	11137	8.708	ug/l	95
94) Hexachlorobutadiene	15.129	225	8289	10.097	ug/l	97
95) Naphthalene	15.251	128	15101	8.661	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	9198	8.711	ug/l	98

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

