

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079439.D
 Acq On : 29 Jul 2024 16:28
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 03:02:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 02:34:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	240010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	402519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	374497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	188522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	26279	10.778	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.560%#		
35) Dibromofluoromethane	7.799	113	28357	10.408	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.820%#		
50) Toluene-d8	10.263	98	104870	9.912	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.820%#		
62) 4-Bromofluorobenzene	12.569	95	29834	9.744	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.480%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	19213	10.217	ug/l	93
3) Chloromethane	2.146	50	35573	10.266	ug/l	100
4) Vinyl Chloride	2.281	62	40448	9.818	ug/l	89
5) Bromomethane	2.681	94	27861	8.529	ug/l	96
6) Chloroethane	2.828	64	25346	9.574	ug/l	99
7) Trichlorofluoromethane	3.170	101	41071	10.024	ug/l	97
8) Diethyl Ether	3.593	74	11105	8.973	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.964	101	25791	9.953	ug/l	97
10) Methyl Iodide	4.158	142	25194	9.167	ug/l #	95
11) Tert butyl alcohol	5.064	59	6951	46.293	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	24664	9.511	ug/l	96
13) Acrolein	3.799	56	11811	50.983	ug/l	95
14) Allyl chloride	4.558	41	30316	8.853	ug/l	92
15) Acrylonitrile	5.258	53	27785	48.043	ug/l	93
16) Acetone	4.022	43	23174	48.905	ug/l	93
17) Carbon Disulfide	4.264	76	81987	9.578	ug/l	99
18) Methyl Acetate	4.564	43	14963	10.170	ug/l #	88
19) Methyl tert-butyl Ether	5.311	73	47065	8.891	ug/l #	90
20) Methylene Chloride	4.793	84	93073	17.141	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	26583	9.125	ug/l	87
22) Diisopropyl ether	6.216	45	69210	9.084	ug/l #	93
23) Vinyl Acetate	6.158	43	245705	42.899	ug/l #	89
24) 1,1-Dichloroethane	6.111	63	48808	9.559	ug/l	97
25) 2-Butanone	7.087	43	31453	46.819	ug/l #	85
26) 2,2-Dichloropropane	7.063	77	39367	9.532	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	30754	9.236	ug/l	89
28) Bromochloromethane	7.428	49	23874	10.663	ug/l #	78
29) Tetrahydrofuran	7.446	42	18620	44.724	ug/l #	85
30) Chloroform	7.599	83	49271	9.529	ug/l	98
31) Cyclohexane	7.875	56	37781	9.330	ug/l #	85
32) 1,1,1-Trichloroethane	7.787	97	41254	9.669	ug/l	97
36) 1,1-Dichloropropene	8.005	75	34612	9.308	ug/l	96
37) Ethyl Acetate	7.163	43	14173	9.296	ug/l #	95
38) Carbon Tetrachloride	7.993	117	36679	9.383	ug/l	95
39) Methylcyclohexane	9.275	83	37770	8.513	ug/l	96
40) Benzene	8.252	78	110068	9.319	ug/l	97

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 Supervised By :Semsettin Yesilyurt 07/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8025m	9.569	ug/l	
42) 1,2-Dichloroethane	8.322	62	27700	9.842	ug/l	95
43) Isopropyl Acetate	8.363	43	26252	9.162	ug/l #	78
44) Trichloroethene	9.028	130	28136	9.570	ug/l	95
45) 1,2-Dichloropropane	9.305	63	26354	9.169	ug/l	98
46) Dibromomethane	9.393	93	15353	9.635	ug/l	97
47) Bromodichloromethane	9.587	83	37690	9.633	ug/l	97
48) Methyl methacrylate	9.381	41	10961	8.548	ug/l	92
49) 1,4-Dioxane	9.387	88	3107	188.180	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	66771	45.642	ug/l	92
52) Toluene	10.334	92	64715	8.860	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	33554	9.287	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	38990	8.971	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	19708	9.389	ug/l	93
56) Ethyl methacrylate	10.593	69	20807	8.366	ug/l	89
57) 1,3-Dichloropropane	10.881	76	33863	9.494	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	53434	46.587	ug/l	91
59) 2-Hexanone	10.916	43	44678	43.790	ug/l	95
60) Dibromochloromethane	11.069	129	26622	9.709	ug/l	100
61) 1,2-Dibromoethane	11.175	107	18922	9.623	ug/l	94
64) Tetrachloroethene	10.810	164	24609	9.745	ug/l	89
65) Chlorobenzene	11.604	112	77837	9.386	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	24853	9.109	ug/l	96
67) Ethyl Benzene	11.681	91	115597	8.515	ug/l	98
68) m/p-Xylenes	11.793	106	94076	17.467	ug/l	99
69) o-Xylene	12.116	106	40122	8.127	ug/l	86
70) Styrene	12.134	104	74194	8.572	ug/l	98
71) Bromoform	12.298	173	16062	10.413	ug/l #	99
73) Isopropylbenzene	12.416	105	105842	10.580	ug/l	100
74) N-amyl acetate	12.234	43	23936	8.632	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	23941	9.775	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	17105m	10.342	ug/l	
77) Bromobenzene	12.698	156	30031	9.500	ug/l	96
78) n-propylbenzene	12.757	91	132904	8.434	ug/l	97
79) 2-Chlorotoluene	12.846	91	75636	8.620	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	87942	8.374	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	7905	9.149	ug/l	99
82) 4-Chlorotoluene	12.946	91	78002	8.527	ug/l	98
83) tert-Butylbenzene	13.163	119	77801	10.721	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	88925	10.439	ug/l	97
85) sec-Butylbenzene	13.340	105	118649	8.494	ug/l	99
86) p-Isopropyltoluene	13.457	119	98529	10.761	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	59230	9.046	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	60894	9.459	ug/l	96
89) n-Butylbenzene	13.787	91	91545	10.715	ug/l	99
90) Hexachloroethane	14.051	117	22248	9.107	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	51706	9.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	2994	9.188	ug/l	95
93) 1,2,4-Trichlorobenzene	15.092	180	29428	8.346	ug/l	95
94) Hexachlorobutadiene	15.198	225	17334	9.109	ug/l	98
95) Naphthalene	15.328	128	53408	8.752	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	27609	8.902	ug/l	95

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

