

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
 Data File : VD079400.D
 Acq On : 25 Jul 2024 11:13
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/26/2024
 Supervised By :Semsettin Yesilyurt 07/26/2024

Quant Time: Jul 26 05:57:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 05:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	176069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	19999	10.955	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.900%#		
35) Dibromofluoromethane	7.804	113	22613	10.825	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.660%#		
50) Toluene-d8	10.263	98	80477	10.300	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.600%#		
62) 4-Bromofluorobenzene	12.569	95	23828	9.995	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	13582	8.859	ug/l	99
3) Chloromethane	2.140	50	9245	12.580	ug/l	96
4) Vinyl Chloride	2.275	62	6093	9.170	ug/l	97
5) Bromomethane	2.687	94	6924	Below Cal		98
6) Chloroethane	2.828	64	4530	Below Cal #		76
7) Trichlorofluoromethane	3.164	101	35671	10.626	ug/l	93
8) Diethyl Ether	3.593	74	9781	10.158	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.958	101	23831	10.756	ug/l	98
10) Methyl Iodide	4.158	142	21433	8.838	ug/l	97
11) Tert butyl alcohol	5.046	59	5480	61.514	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	20504	9.973	ug/l #	76
13) Acrolein	3.799	56	8679	53.586	ug/l	93
14) Allyl chloride	4.558	41	23824	9.852	ug/l	93
15) Acrylonitrile	5.258	53	22764	51.836	ug/l	98
16) Acetone	4.028	43	16758	51.097	ug/l	90
17) Carbon Disulfide	4.263	76	71880	10.371	ug/l	99
18) Methyl Acetate	4.563	43	12814	13.116	ug/l	91
19) Methyl tert-butyl Ether	5.311	73	41731	9.897	ug/l	91
20) Methylene Chloride	4.799	84	48196	10.336	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	24082	10.448	ug/l	95
22) Diisopropyl ether	6.216	45	57927	10.612	ug/l	92
23) Vinyl Acetate	6.158	43	203255	49.321	ug/l	97
24) 1,1-Dichloroethane	6.110	63	43507	10.994	ug/l	97
25) 2-Butanone	7.087	43	26285	52.849	ug/l	94
26) 2,2-Dichloropropane	7.075	77	36415	10.775	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	27263	10.166	ug/l	87
28) Bromochloromethane	7.422	49	16396	10.075	ug/l	87
29) Tetrahydrofuran	7.440	42	15792	51.008	ug/l #	84
30) Chloroform	7.593	83	46227	10.690	ug/l	95
31) Cyclohexane	7.875	56	34290	10.501	ug/l #	91
32) 1,1,1-Trichloroethane	7.793	97	39329	10.874	ug/l	99
36) 1,1-Dichloropropene	8.004	75	30818	10.026	ug/l	95
37) Ethyl Acetate	7.169	43	12898m	11.206	ug/l	
38) Carbon Tetrachloride	7.987	117	34659	10.297	ug/l	96
39) Methylcyclohexane	9.269	83	34943	9.482	ug/l #	88
40) Benzene	8.252	78	97760	10.058	ug/l	91

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 Supervised By :Semsettin Yesilyurt 07/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	6633	10.489	ug/l	87
42) 1,2-Dichloroethane	8.328	62	24003	10.189	ug/l	96
43) Isopropyl Acetate	8.363	43	21537	9.869	ug/l #	83
44) Trichloroethene	9.028	130	23656	10.192	ug/l	97
45) 1,2-Dichloropropane	9.304	63	23571	10.046	ug/l	99
46) Dibromomethane	9.393	93	13961	10.129	ug/l	95
47) Bromodichloromethane	9.587	83	33994	10.144	ug/l	99
48) Methyl methacrylate	9.381	41	9832	9.729	ug/l	90
49) 1,4-Dioxane	9.381	88	2848	222.123	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	55935	48.121	ug/l	95
52) Toluene	10.334	92	57274	9.609	ug/l	93
53) t-1,3-Dichloropropene	10.551	75	28663	9.689	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	35991	10.058	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	18256	10.175	ug/l	95
56) Ethyl methacrylate	10.593	69	18270	8.912	ug/l	92
57) 1,3-Dichloropropane	10.881	76	29897	9.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	39247	45.777	ug/l	91
59) 2-Hexanone	10.922	43	35868	44.532	ug/l	97
60) Dibromochloromethane	11.069	129	23362	10.136	ug/l	97
61) 1,2-Dibromoethane	11.175	107	17331	10.025	ug/l	89
64) Tetrachloroethene	10.804	164	20133	10.455	ug/l	90
65) Chlorobenzene	11.604	112	68285	10.338	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	24333	10.618	ug/l	96
67) Ethyl Benzene	11.681	91	103912	9.469	ug/l	100
68) m/p-Xylenes	11.793	106	81330	18.765	ug/l	88
69) o-Xylene	12.116	106	35091	9.024	ug/l	82
70) Styrene	12.134	104	62748	9.101	ug/l	92
71) Bromoform	12.298	173	12516	10.123	ug/l #	93
73) Isopropylbenzene	12.416	105	97030	9.529	ug/l	96
74) N-amyl acetate	12.228	43	20380	9.781	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	22270	10.603	ug/l	94
76) 1,2,3-Trichloropropane	12.716	75	18149m	10.122	ug/l	
77) Bromobenzene	12.698	156	23119	9.668	ug/l	80
78) n-propylbenzene	12.757	91	120910	9.464	ug/l	94
79) 2-Chlorotoluene	12.845	91	70443	9.581	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	81536	9.525	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.463	75	6637	9.608	ug/l	89
82) 4-Chlorotoluene	12.945	91	77313	10.151	ug/l	92
83) tert-Butylbenzene	13.163	119	66551	9.292	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	79314	9.182	ug/l	93
85) sec-Butylbenzene	13.339	105	105144	9.415	ug/l	96
86) p-Isopropyltoluene	13.457	119	83600	9.192	ug/l	94
87) 1,3-Dichlorobenzene	13.451	146	49925	9.977	ug/l	94
88) 1,4-Dichlorobenzene	13.534	146	52614	10.421	ug/l	94
89) n-Butylbenzene	13.781	91	80184	9.084	ug/l	98
90) Hexachloroethane	14.045	117	21655	10.451	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	43030	9.906	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2652	9.538	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	21206	8.964	ug/l	95
94) Hexachlorobutadiene	15.198	225	13234	9.718	ug/l	98
95) Naphthalene	15.328	128	40939	9.062	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.516	180	19153	9.088	ug/l	98

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

