

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078907.D
 Acq On : 13 May 2024 11:17
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: May 14 06:07:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	136348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	224187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	26497	20.718	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery =	41.440%#		
35) Dibromofluoromethane	7.804	113	29648	19.867	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery =	39.740%#		
50) Toluene-d8	10.269	98	111076	19.854	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery =	39.700%#		
62) 4-Bromofluorobenzene	12.575	95	30858	19.634	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery =	39.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25364	19.908	ug/l	97
3) Chloromethane	2.152	50	39466	21.317	ug/l	91
4) Vinyl Chloride	2.287	62	57354	20.606	ug/l	97
5) Bromomethane	2.687	94	57745	22.088	ug/l	99
6) Chloroethane	2.834	64	49545	20.315	ug/l	96
7) Trichlorofluoromethane	3.175	101	46108	17.267	ug/l	97
8) Diethyl Ether	3.593	74	12422	19.963	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	28291	20.064	ug/l	96
10) Methyl Iodide	4.163	142	33292	19.762	ug/l	97
11) Tert butyl alcohol	5.058	59	5750	102.678	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	27372	19.831	ug/l	92
13) Acrolein	3.793	56	11942	93.798	ug/l	86
14) Allyl chloride	4.563	41	26011	19.313	ug/l	94
15) Acrylonitrile	5.252	53	23984	97.016	ug/l	95
16) Acetone	4.022	43	17122	83.963	ug/l	98
17) Carbon Disulfide	4.269	76	91106	21.640	ug/l	100
18) Methyl Acetate	4.569	43	9322	19.854	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	50523	18.786	ug/l	93
20) Methylene Chloride	4.810	84	38123	19.993	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	30058	19.538	ug/l	97
22) Diisopropyl ether	6.216	45	59260	19.453	ug/l	98
23) Vinyl Acetate	6.157	43	176681	96.699	ug/l	99
24) 1,1-Dichloroethane	6.110	63	46780	19.372	ug/l	99
25) 2-Butanone	7.087	43	24451	89.650	ug/l	92
26) 2,2-Dichloropropane	7.069	77	41290	19.456	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	34264	18.967	ug/l	97
28) Bromochloromethane	7.422	49	16376	20.334	ug/l	95
29) Tetrahydrofuran	7.446	42	16099	102.052	ug/l	94
30) Chloroform	7.593	83	54948	20.089	ug/l	95
31) Cyclohexane	7.881	56	37219	19.919	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	45917	19.603	ug/l	99
36) 1,1-Dichloropropene	8.004	75	36890	19.865	ug/l	99
37) Ethyl Acetate	7.169	43	11685m	18.463	ug/l	
38) Carbon Tetrachloride	7.993	117	41953	19.304	ug/l	88
39) Methylcyclohexane	9.275	83	44270	19.620	ug/l	98
40) Benzene	8.251	78	117716	19.598	ug/l	99

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41) Methacrylonitrile	7.393	41	6039	17.733	ug/l	96
42) 1,2-Dichloroethane	8.328	62	30136	20.728	ug/l	96
43) Isopropyl Acetate	8.363	43	21088	18.779	ug/l	99
44) Trichloroethene	9.028	130	31181	19.572	ug/l	98
45) 1,2-Dichloropropane	9.304	63	26309	19.932	ug/l	92
46) Dibromomethane	9.393	93	17323	19.936	ug/l	94
47) Bromodichloromethane	9.587	83	40692	19.455	ug/l	88
48) Methyl methacrylate	9.381	41	10429	19.077	ug/l	89
49) 1,4-Dioxane	9.381	88	2995	391.844	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	57482	96.102	ug/l	98
52) Toluene	10.334	92	75208	19.561	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	35176	19.791	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	40770	19.111	ug/l	90
55) 1,1,2-Trichloroethane	10.734	97	22736	20.253	ug/l	93
56) Ethyl methacrylate	10.598	69	21709	18.796	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	34992	20.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	43338	87.329	ug/l	99
59) 2-Hexanone	10.922	43	38838	93.287	ug/l	98
60) Dibromochloromethane	11.075	129	29393	19.207	ug/l	99
61) 1,2-Dibromoethane	11.181	107	20231	19.765	ug/l	97
64) Tetrachloroethene	10.810	164	25822	19.187	ug/l	92
65) Chlorobenzene	11.604	112	85698	19.422	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	29910	19.608	ug/l	96
67) Ethyl Benzene	11.681	91	137154	19.325	ug/l	95
68) m/p-Xylenes	11.792	106	113017	39.168	ug/l	98
69) o-Xylene	12.122	106	48867	18.577	ug/l	92
70) Styrene	12.134	104	89651	19.230	ug/l	99
71) Bromoform	12.298	173	16647	19.051	ug/l #	99
73) Isopropylbenzene	12.422	105	125272	19.345	ug/l	98
74) N-amyl acetate	12.234	43	20049	19.081	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	23444	20.071	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	14637m	19.023	ug/l	
77) Bromobenzene	12.698	156	33034	19.399	ug/l	98
78) n-propylbenzene	12.763	91	157455	20.117	ug/l	100
79) 2-Chlorotoluene	12.851	91	84731	19.477	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	107667	20.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7597	19.723	ug/l	99
82) 4-Chlorotoluene	12.945	91	91779	20.110	ug/l	99
83) tert-Butylbenzene	13.169	119	90625	19.046	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	111036	19.925	ug/l	98
85) sec-Butylbenzene	13.345	105	138023	19.446	ug/l	99
86) p-Isopropyltoluene	13.457	119	120796	19.534	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	68121	18.904	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	68999	19.552	ug/l	98
89) n-Butylbenzene	13.786	91	106126	19.153	ug/l	98
90) Hexachloroethane	14.051	117	25202	19.321	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	57221	18.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2778	17.864	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	33857	19.125	ug/l	98
94) Hexachlorobutadiene	15.198	225	17561	18.982	ug/l	98
95) Naphthalene	15.328	128	56949	18.886	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	29584	18.786	ug/l	97

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

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