

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080056.D
 Acq On : 17 Nov 2024 21:37
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 04:29:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	151053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	235354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	97093	62.430	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.860%			
35) Dibromofluoromethane	7.804	113	100344	64.062	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 128.120%			
50) Toluene-d8	10.269	98	375952	63.682	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 127.360%			
62) 4-Bromofluorobenzene	12.575	95	126237	65.175	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 130.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	62674	51.698	ug/l	94
3) Chloromethane	2.146	50	40924	45.904	ug/l	99
4) Vinyl Chloride	2.287	62	47912	47.074	ug/l	99
5) Bromomethane	2.693	94	52318	49.342	ug/l	98
6) Chloroethane	2.834	64	33261	45.719	ug/l	94
7) Trichlorofluoromethane	3.175	101	127589	51.038	ug/l	94
8) Diethyl Ether	3.593	74	39902	54.678	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.963	101	80263	51.397	ug/l	89
10) Methyl Iodide	4.169	142	118072	61.083	ug/l	95
11) Tert butyl alcohol	5.063	59	20928	258.579	ug/l	98
12) 1,1-Dichloroethene	3.946	96	81678	52.184	ug/l	92
13) Acrolein	3.799	56	35768	230.319	ug/l	98
14) Allyl chloride	4.563	41	100928	45.490	ug/l	90
15) Acrylonitrile	5.258	53	84771	261.481	ug/l	99
16) Acetone	4.022	43	70304	208.343	ug/l	91
17) Carbon Disulfide	4.275	76	247007	49.009	ug/l	99
18) Methyl Acetate	4.569	43	40090	53.569	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	188681	59.089	ug/l	93
20) Methylene Chloride	4.805	84	99673	55.077	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	99353	57.419	ug/l	85
22) Diisopropyl ether	6.216	45	249251	55.478	ug/l #	95
23) Vinyl Acetate	6.157	43	689922	268.029	ug/l #	94
24) 1,1-Dichloroethane	6.116	63	155362	51.993	ug/l	98
25) 2-Butanone	7.081	43	126247	286.299	ug/l #	89
26) 2,2-Dichloropropane	7.075	77	141128	54.334	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	121630	61.253	ug/l	94
28) Bromochloromethane	7.428	49	73704	55.426	ug/l #	90
29) Tetrahydrofuran	7.446	42	79880	330.703	ug/l	95
30) Chloroform	7.599	83	197255	62.659	ug/l	98
31) Cyclohexane	7.881	56	126099	49.791	ug/l	93
32) 1,1,1-Trichloroethane	7.799	97	162355	60.264	ug/l	97
36) 1,1-Dichloropropene	8.010	75	127621	59.585	ug/l	99
37) Ethyl Acetate	7.175	43	60885	66.135	ug/l	96
38) Carbon Tetrachloride	7.993	117	139160	59.468	ug/l	96
39) Methylcyclohexane	9.275	83	140544	55.115	ug/l	98
40) Benzene	8.251	78	415879	62.293	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	34014	68.463	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	109347	63.288	ug/l	97
43) Isopropyl Acetate	8.363	43	107739	64.559	ug/l	99
44) Trichloroethene	9.028	130	103807	60.089	ug/l	97
45) 1,2-Dichloropropane	9.304	63	100398	62.577	ug/l	98
46) Dibromomethane	9.393	93	62530	67.007	ug/l	95
47) Bromodichloromethane	9.587	83	150538	64.448	ug/l	98
48) Methyl methacrylate	9.381	41	51949	65.205	ug/l	97
49) 1,4-Dioxane	9.387	88	12557	1466.853	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	289255	341.632	ug/l	98
52) Toluene	10.334	92	267118	64.385	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	132190	63.486	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	157431	63.863	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	82194	66.576	ug/l	98
56) Ethyl methacrylate	10.598	69	102418	71.341	ug/l	92
57) 1,3-Dichloropropane	10.881	76	131173	65.313	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	176828	325.666	ug/l	94
59) 2-Hexanone	10.922	43	205340	329.715	ug/l	97
60) Dibromochloromethane	11.075	129	110677	69.647	ug/l	99
61) 1,2-Dibromoethane	11.181	107	80665	69.298	ug/l	99
64) Tetrachloroethene	10.810	164	97348	59.685	ug/l	99
65) Chlorobenzene	11.604	112	300174	60.082	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	109015	62.685	ug/l	96
67) Ethyl Benzene	11.681	91	513536	61.259	ug/l	96
68) m/p-Xylenes	11.792	106	402762	122.937	ug/l	99
69) o-Xylene	12.122	106	184371	62.606	ug/l	97
70) Styrene	12.134	104	343295	65.310	ug/l	98
71) Bromoform	12.298	173	67514	65.842	ug/l #	97
73) Isopropylbenzene	12.422	105	476856	57.649	ug/l	100
74) N-ethyl acetate	12.234	43	106474	58.419	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	95857	60.300	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	61387m	54.199	ug/l	
77) Bromobenzene	12.698	156	128204	59.640	ug/l	95
78) n-propylbenzene	12.763	91	587224	57.444	ug/l	99
79) 2-Chlorotoluene	12.845	91	348104	58.068	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	414094	59.151	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	33908	61.272	ug/l	96
82) 4-Chlorotoluene	12.945	91	368575	57.513	ug/l	97
83) tert-Butylbenzene	13.169	119	354475	58.465	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	424678	60.387	ug/l	100
85) sec-Butylbenzene	13.345	105	506208	56.484	ug/l	99
86) p-Isopropyltoluene	13.457	119	436209	57.583	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	255995	58.809	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	251287	57.479	ug/l	98
89) n-Butylbenzene	13.786	91	389107	54.598	ug/l	99
90) Hexachloroethane	14.051	117	93897	57.821	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	227814	60.019	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14691	61.115	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	140656	59.095	ug/l	99
94) Hexachlorobutadiene	15.204	225	69179	53.777	ug/l	98
95) Naphthalene	15.333	128	259896	64.285	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	130068	62.227	ug/l	98

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

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

