

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080011.D
 Acq On : 14 Nov 2024 18:02
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 15 05:53:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 05:52:29 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	173599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	277459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	256196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10396	5.842	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.680%#		
35) Dibromofluoromethane	7.810	113	9875	5.324	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.640%#		
50) Toluene-d8	10.269	98	36017	5.132	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.260%#		
62) 4-Bromofluorobenzene	12.575	95	12519	5.318	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.640%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8774	6.080	ug/l	92
3) Chloromethane	2.152	50	6089	5.744	ug/l	96
4) Vinyl Chloride	2.287	62	7090	5.706	ug/l	96
5) Bromomethane	2.699	94	10391	6.902	ug/l	99
6) Chloroethane	2.846	64	4426	5.250	ug/l	94
7) Trichlorofluoromethane	3.181	101	18141	6.098	ug/l	99
8) Diethyl Ether	3.593	74	4177	5.080	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.975	101	11445	6.096	ug/l	89
10) Methyl Iodide	4.175	142	2987	5.192	ug/l #	90
11) Tert butyl alcohol	5.057	59	2628	28.683	ug/l #	81
12) 1,1-Dichloroethene	3.940	96	9813	5.447	ug/l #	73
13) Acrolein	3.799	56	3530	21.053	ug/l	95
14) Allyl chloride	4.563	41	11592	4.746	ug/l	96
15) Acrylonitrile	5.263	53	8095	23.020	ug/l #	68
16) Acetone	4.022	43	8957	39.789	ug/l #	85
17) Carbon Disulfide	4.275	76	32658	5.502	ug/l	98
18) Methyl Acetate	4.575	43	4449	5.361	ug/l #	89
19) Methyl tert-butyl Ether	5.316	73	17098	4.735	ug/l	97
20) Methylene Chloride	4.799	84	13379	6.036	ug/l #	90
21) trans-1,2-Dichloroethene	5.316	96	10629	5.266	ug/l	90
22) Diisopropyl ether	6.222	45	23150	4.506	ug/l #	87
23) Vinyl Acetate	6.157	43	61010	21.122	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	17759	5.145	ug/l	93
25) 2-Butanone	7.081	43	13934	26.116	ug/l	96
26) 2,2-Dichloropropane	7.075	77	18632	6.036	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	12805	5.522	ug/l	96
28) Bromochloromethane	7.428	49	9244	5.971	ug/l	92
29) Tetrahydrofuran	7.457	42	7517	26.978	ug/l	99
30) Chloroform	7.599	83	23087	6.028	ug/l	94
31) Cyclohexane	7.881	56	17432	5.968	ug/l #	86
32) 1,1,1-Trichloroethane	7.798	97	18905	5.913	ug/l	96
36) 1,1-Dichloropropene	8.010	75	15161	5.601	ug/l	97
37) Ethyl Acetate	7.169	43	6680	5.942	ug/l #	93
38) Carbon Tetrachloride	7.993	117	17634	5.932	ug/l	99
39) Methylcyclohexane	9.275	83	16640	5.271	ug/l #	88
40) Benzene	8.251	78	45671	5.462	ug/l	94

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41) Methacrylonitrile	7.410	41	3557	5.699	ug/l #	19
42) 1,2-Dichloroethane	8.328	62	12744	5.817	ug/l	98
43) Isopropyl Acetate	8.363	43	11324	5.543	ug/l	97
44) Trichloroethene	9.028	130	12011	5.570	ug/l	86
45) 1,2-Dichloropropane	9.304	63	10747	5.401	ug/l	99
46) Dibromomethane	9.398	93	6519	5.574	ug/l	95
47) Bromodichloromethane	9.587	83	16422	5.602	ug/l	95
48) Methyl methacrylate	9.381	41	4776	5.231	ug/l	97
49) 1,4-Dioxane	9.387	88	1105	99.167	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	26078	25.332	ug/l	100
52) Toluene	10.334	92	26260	5.043	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	12830	5.048	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	15514	5.093	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	8925	5.715	ug/l	97
56) Ethyl methacrylate	10.598	69	8722	4.913	ug/l	99
57) 1,3-Dichloropropane	10.881	76	13955	5.528	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.863	63	14158	22.331	ug/l	100
59) 2-Hexanone	10.922	43	19062	24.129	ug/l	91
60) Dibromochloromethane	11.075	129	11901	5.755	ug/l	99
61) 1,2-Dibromoethane	11.175	107	8281	5.649	ug/l	93
64) Tetrachloroethene	10.810	164	11194	5.789	ug/l	91
65) Chlorobenzene	11.610	112	33511	5.709	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.681	131	11700	5.607	ug/l	98
67) Ethyl Benzene	11.681	91	48499	4.992	ug/l	90
68) m/p-Xylenes	11.792	106	37997	9.918	ug/l	99
69) o-Xylene	12.122	106	16448	4.728	ug/l	95
70) Styrene	12.134	104	29383	4.751	ug/l	97
71) Bromoform	12.298	173	6557	5.565	ug/l #	95
73) Isopropylbenzene	12.422	105	43814	5.017	ug/l	96
74) N-amyl acetate	12.234	43	9843	5.280	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	10144	6.007	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	6466m	5.704	ug/l	
77) Bromobenzene	12.704	156	12479	5.427	ug/l	96
78) n-propylbenzene	12.763	91	54776	5.068	ug/l	98
79) 2-Chlorotoluene	12.851	91	34007	5.294	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	35608	4.820	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	3181	5.427	ug/l	97
82) 4-Chlorotoluene	12.951	91	36227	5.311	ug/l	98
83) tert-Butylbenzene	13.163	119	32276	5.063	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	35538	4.732	ug/l	99
85) sec-Butylbenzene	13.345	105	47185	4.942	ug/l	96
86) p-Isopropyltoluene	13.463	119	39845	4.919	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	27342	5.746	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	30031	6.269	ug/l	94
89) n-Butylbenzene	13.786	91	38898	5.165	ug/l	97
90) Hexachloroethane	14.051	117	10531	5.962	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	24275	5.836	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1643	6.373	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	13931	5.463	ug/l	98
94) Hexachlorobutadiene	15.204	225	8135	5.814	ug/l	97
95) Naphthalene	15.333	128	21571	5.025	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	11960	5.393	ug/l	97

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

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