

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080022.D
 Acq On : 15 Nov 2024 10:58
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 15 16:09:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:08:17 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	7.881	168	207470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	333694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	304255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161583	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	37444	17.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.060%#
35) Dibromofluoromethane	7.810	113	38063	17.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	34.280%#
50) Toluene-d8	10.269	98	145147	17.341	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	34.680%#
62) 4-Bromofluorobenzene	12.574	95	47117	17.157	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.320%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	30221	18.150	ug/l	98
3) Chloromethane	2.151	50	23156	18.911	ug/l	99
4) Vinyl Chloride	2.287	62	25882	18.515	ug/l	95
5) Bromomethane	2.687	94	28616	18.506	ug/l	95
6) Chloroethane	2.840	64	18938	18.953	ug/l	91
7) Trichlorofluoromethane	3.175	101	63352	18.451	ug/l	96
8) Diethyl Ether	3.598	74	18096	18.054	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	40293	18.785	ug/l	91
10) Methyl Iodide	4.163	142	49960	18.818	ug/l	98
11) Tert butyl alcohol	5.057	59	10999	98.531	ug/l #	92
12) 1,1-Dichloroethene	3.951	96	41001	19.072	ug/l	83
13) Acrolein	3.798	56	17828	83.582	ug/l	94
14) Allyl chloride	4.569	41	59125	19.402	ug/l	98
15) Acrylonitrile	5.263	53	43596	97.907	ug/l	99
16) Acetone	4.022	43	37909	81.793	ug/l #	86
17) Carbon Disulfide	4.275	76	128786	18.604	ug/l	99
18) Methyl Acetate	4.563	43	20590	20.031	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	83889	19.127	ug/l	94
20) Methylene Chloride	4.804	84	50759	20.403	ug/l	94
21) trans-1,2-Dichloroethene	5.322	96	44449	18.703	ug/l	94
22) Diisopropyl ether	6.216	45	123437	20.003	ug/l	97
23) Vinyl Acetate	6.157	43	338859	95.846	ug/l	99
24) 1,1-Dichloroethane	6.116	63	79716	19.423	ug/l	99
25) 2-Butanone	7.087	43	57703	95.273	ug/l	92
26) 2,2-Dichloropropane	7.081	77	68644	19.241	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	51492	18.880	ug/l	99
28) Bromochloromethane	7.422	49	34556	18.920	ug/l #	96
29) Tetrahydrofuran	7.451	42	30913	93.178	ug/l	96
30) Chloroform	7.598	83	83979	19.422	ug/l	92
31) Cyclohexane	7.881	56	64750	18.615	ug/l	95
32) 1,1,1-Trichloroethane	7.792	97	70650	19.093	ug/l	97
36) 1,1-Dichloropropene	8.010	75	57538	18.947	ug/l	100
37) Ethyl Acetate	7.175	43	24232	18.565	ug/l #	82
38) Carbon Tetrachloride	7.992	117	64398	19.409	ug/l	98
39) Methylcyclohexane	9.275	83	63504	17.564	ug/l	95
40) Benzene	8.251	78	180359	19.054	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	13991	8.863	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	46713	19.069	ug/l	98
43) Isopropyl Acetate	8.363	43	45489	19.225	ug/l	99
44) Trichloroethene	9.028	130	45515	18.582	ug/l	92
45) 1,2-Dichloropropane	9.304	63	43886	19.293	ug/l	99
46) Dibromomethane	9.398	93	25318	19.135	ug/l	97
47) Bromodichloromethane	9.586	83	63022	19.030	ug/l	96
48) Methyl methacrylate	9.380	41	21459	18.997	ug/l	93
49) 1,4-Dioxane	9.386	88	4525	372.814	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	114924	95.733	ug/l	98
52) Toluene	10.333	92	109805	18.667	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	56000	18.969	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	67497	19.312	ug/l	97
55) 1,1,2-Trichloroethane	10.733	97	33419	19.092	ug/l	98
56) Ethyl methacrylate	10.598	69	37039	18.197	ug/l	95
57) 1,3-Dichloropropane	10.880	76	54029	18.974	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	66445	86.309	ug/l	96
59) 2-Hexanone	10.922	43	81441	92.232	ug/l	98
60) Dibromochloromethane	11.075	129	42654	18.931	ug/l	97
61) 1,2-Dibromoethane	11.180	107	31586	19.138	ug/l	99
64) Tetrachloroethene	10.810	164	40964	18.906	ug/l	98
65) Chlorobenzene	11.604	112	124572	18.769	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.680	131	44230	19.145	ug/l	98
67) Ethyl Benzene	11.686	91	206092	18.506	ug/l	96
68) m/p-Xylenes	11.792	106	166351	38.223	ug/l	98
69) o-Xylene	12.122	106	73527	18.794	ug/l	94
70) Styrene	12.133	104	134490	19.260	ug/l	99
71) Bromoform	12.298	173	26209	19.241	ug/l #	97
73) Isopropylbenzene	12.422	105	192187	18.444	ug/l	100
74) N-amyl acetate	12.227	43	41904	18.251	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	37794	18.873	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	25503m	10.300	ug/l	
77) Bromobenzene	12.698	156	50581	18.678	ug/l	98
78) n-propylbenzene	12.763	91	240557	18.680	ug/l	99
79) 2-Chlorotoluene	12.845	91	143286	18.974	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	167256	18.965	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	13278	19.046	ug/l	98
82) 4-Chlorotoluene	12.945	91	155234	19.228	ug/l	98
83) tert-Butylbenzene	13.163	119	139175	18.222	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	167670	18.926	ug/l	100
85) sec-Butylbenzene	13.345	105	211232	18.710	ug/l	97
86) p-Isopropyltoluene	13.457	119	177158	18.564	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	105146	19.174	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	103949	18.875	ug/l	99
89) n-Butylbenzene	13.786	91	160004	17.822	ug/l	98
90) Hexachloroethane	14.051	117	38237	18.691	ug/l	96
91) 1,2-Dichlorobenzene	13.827	146	90973	19.026	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5811	19.190	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	55280	18.436	ug/l	97
94) Hexachlorobutadiene	15.204	225	28314	17.472	ug/l	96
95) Naphthalene	15.327	128	90760	17.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	48547	18.437	ug/l	99

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

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