

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080017.D
 Acq On : 14 Nov 2024 20:43
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD111524

Quant Time: Nov 15 06:41:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 06:28:05 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	244193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	389195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	361884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	183572	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	116101	46.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.810	113	122552	47.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.269	98	474473	48.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.569	95	156455	47.384	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.760%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	101338	49.919	ug/l	99
3) Chloromethane	2.146	50	68439	45.895	ug/l	100
4) Vinyl Chloride	2.287	62	78620	44.980	ug/l	97
5) Bromomethane	2.693	94	82968	39.180	ug/l	98
6) Chloroethane	2.840	64	53701	45.283	ug/l	97
7) Trichlorofluoromethane	3.181	101	206816	49.424	ug/l	92
8) Diethyl Ether	3.593	74	63983	55.324	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	130426	49.384	ug/l	99
10) Methyl Iodide	4.169	142	166750	58.133	ug/l	98
11) Tert butyl alcohol	5.052	59	33408	259.221	ug/l #	86
12) 1,1-Dichloroethene	3.946	96	134459	53.056	ug/l	92
13) Acrolein	3.799	56	74316	315.091	ug/l	100
14) Allyl chloride	4.569	41	189573	55.174	ug/l	99
15) Acrylonitrile	5.252	53	137933	278.850	ug/l	99
16) Acetone	4.022	43	179902	235.032	ug/l	100
17) Carbon Disulfide	4.275	76	431645	51.696	ug/l	98
18) Methyl Acetate	4.564	43	64239	55.028	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	282228	55.559	ug/l	97
20) Methylene Chloride	4.805	84	151056	48.445	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	146575	51.623	ug/l	99
22) Diisopropyl ether	6.222	45	387995	53.688	ug/l	97
23) Vinyl Acetate	6.158	43	1126759	277.317	ug/l	100
24) 1,1-Dichloroethane	6.116	63	245718	50.610	ug/l	98
25) 2-Butanone	7.081	43	202634	269.993	ug/l	96
26) 2,2-Dichloropropane	7.081	77	205770	47.387	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	167299	51.293	ug/l	100
28) Bromochloromethane	7.428	49	99887	45.871	ug/l	99
29) Tetrahydrofuran	7.446	42	105150	268.283	ug/l	97
30) Chloroform	7.599	83	256281	47.569	ug/l	99
31) Cyclohexane	7.881	56	204292	49.723	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	214106	47.610	ug/l	99
36) 1,1-Dichloropropene	8.010	75	182476	48.059	ug/l	99
37) Ethyl Acetate	7.175	43	75498	47.877	ug/l	98
38) Carbon Tetrachloride	7.993	117	191752	45.988	ug/l	95
39) Methylcyclohexane	9.275	83	231781	52.339	ug/l	99
40) Benzene	8.252	78	563121	48.008	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	45652	54.155	ug/l	90
42) 1,2-Dichloroethane	8.328	62	143676	46.757	ug/l	99
43) Isopropyl Acetate	8.363	43	142627	49.774	ug/l	100
44) Trichloroethene	9.034	130	143864	47.559	ug/l	98
45) 1,2-Dichloropropane	9.304	63	133589	47.859	ug/l	95
46) Dibromomethane	9.393	93	78959	48.131	ug/l	98
47) Bromodichloromethane	9.587	83	193303	47.006	ug/l	98
48) Methyl methacrylate	9.381	41	68420	53.424	ug/l	97
49) 1,4-Dioxane	9.381	88	14666	938.310	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	369264	255.716	ug/l	98
52) Toluene	10.334	92	356677	48.832	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	176151	49.405	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	209186	48.959	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	101783	46.467	ug/l	96
56) Ethyl methacrylate	10.599	69	130374	52.351	ug/l	97
57) 1,3-Dichloropropane	10.881	76	171963	48.562	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	213360	239.910	ug/l	99
59) 2-Hexanone	10.922	43	294115	265.407	ug/l	99
60) Dibromochloromethane	11.075	129	134532	46.375	ug/l	99
61) 1,2-Dibromoethane	11.181	107	99426	48.356	ug/l	97
64) Tetrachloroethene	10.810	164	127975	46.852	ug/l	96
65) Chlorobenzene	11.604	112	401764	48.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	135431	45.947	ug/l	98
67) Ethyl Benzene	11.681	91	669802	48.808	ug/l	99
68) m/p-Xylenes	11.793	106	528345	97.635	ug/l	98
69) o-Xylene	12.116	106	245639	49.985	ug/l	100
70) Styrene	12.134	104	434113	49.688	ug/l	99
71) Bromoform	12.298	173	77620	46.638	ug/l #	99
73) Isopropylbenzene	12.416	105	635429	52.692	ug/l	100
74) N-amyl acetate	12.234	43	137462	53.405	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	112154	48.101	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	70975m	45.344	ug/l	
77) Bromobenzene	12.698	156	160689	50.606	ug/l	98
78) n-propylbenzene	12.763	91	778795	52.188	ug/l	99
79) 2-Chlorotoluene	12.845	91	452375	51.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	538503	52.794	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	40839	50.459	ug/l	98
82) 4-Chlorotoluene	12.945	91	479247	50.883	ug/l	100
83) tert-Butylbenzene	13.163	119	450778	51.215	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	542659	52.332	ug/l	100
85) sec-Butylbenzene	13.340	105	694307	52.664	ug/l	99
86) p-Isopropyltoluene	13.457	119	588614	52.623	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	317472	48.319	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	309159	46.736	ug/l	100
89) n-Butylbenzene	13.787	91	549076	52.805	ug/l	99
90) Hexachloroethane	14.051	117	115994	47.558	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	276853	48.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	17466	49.064	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	183105	52.006	ug/l	99
94) Hexachlorobutadiene	15.198	225	99172	51.326	ug/l	98
95) Naphthalene	15.328	128	325827	54.965	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	162524	53.074	ug/l	99

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

