

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005839.D
 Acq On : 04 Oct 2018 05:46
 Operator : SY/AP
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:48:04 PM

Quant Time: Oct 04 06:54:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	319008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	356428	142.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.00%	
35) Dibromofluoromethane	7.88	113	293996	145.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.02%	
50) Toluene-d8	10.33	98	1227958	150.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.20%	
62) 4-Bromofluorobenzene	12.63	95	446321	147.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	186637	132.421	ug/l	98
3) Chloromethane	2.22	50	227955	136.803	ug/l	100
4) Vinyl Chloride	2.37	62	305008	148.697	ug/l	99
5) Bromomethane	2.78	94	213511	153.386	ug/l	98
6) Chloroethane	2.92	64	193460	147.186	ug/l	100
7) Trichlorofluoromethane	3.26	101	230753	146.291	ug/l	99
8) Diethyl Ether	3.68	74	156940	147.934	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	283662	140.449	ug/l	99
10) Methyl Iodide	4.26	142	483416	153.805	ug/l	98
11) Tert butyl alcohol	5.21	59	107564	743.641	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	287938	147.917	ug/l	97
13) Acrolein	3.89	56	113746	1014.157	ug/l	98
14) Allyl chloride	4.67	41	489115	145.905	ug/l	99
15) Acrylonitrile	5.37	53	352086	749.477	ug/l	99
16) Acetone	4.14	43	291636	652.226	ug/l	100
17) Carbon Disulfide	4.37	76	935117	152.469	ug/l	99
18) Methyl Acetate	4.67	43	182106	151.145	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	470673	154.842	ug/l	96
20) Methylene Chloride	4.92	84	312868	123.722	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	323367	151.690	ug/l	99
22) Diisopropyl ether	6.32	45	949657	145.420	ug/l	99
23) Vinyl Acetate	6.26	43	2840976	757.132	ug/l	100
24) 1,1-Dichloroethane	6.21	63	584709	144.196	ug/l	98
25) 2-Butanone	7.18	43	446075	727.001	ug/l	98
26) 2,2-Dichloropropane	7.17	77	342030	123.214	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	353301	150.602	ug/l	99
28) Bromochloromethane	7.51	49	186336	118.188	ug/l	97
29) Tetrahydrofuran	7.54	42	278771	725.723	ug/l	95
30) Chloroform	7.68	83	599335	142.526	ug/l	98
31) Cyclohexane	7.96	56	503077	130.778	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	528740	143.096	ug/l	99
36) 1,1-Dichloropropene	8.09	75	470334	145.448	ug/l	99
37) Ethyl Acetate	7.26	43	200548	146.336	ug/l	100
38) Carbon Tetrachloride	8.07	117	512811	147.826	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	535956	140.969	ug/l	96
40) Benzene	8.32	78	1283905	139.648	ug/l	97
41) Methacrylonitrile	7.49	41	121127	152.805	ug/l	95
42) 1,2-Dichloroethane	8.40	62	429918	144.335	ug/l	100
43) Isopropyl Acetate	8.43	43	402860	148.706	ug/l	99
44) Trichloroethene	9.10	130	338681	143.431	ug/l	97
45) 1,2-Dichloropropane	9.37	63	291923	130.352	ug/l	96
46) Dibromomethane	9.46	93	161949	141.794	ug/l	98
47) Bromodichloromethane	9.65	83	432674	142.153	ug/l	98
48) Methyl methacrylate	9.45	41	198462	154.030	ug/l	98
49) 1,4-Dioxane	9.47	88	52905	2902.056	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1060564	774.643	ug/l	100
52) Toluene	10.39	92	874417	152.077	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	469975	154.160	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	520848	152.668	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	245261	150.916	ug/l	99
56) Ethyl methacrylate	10.65	69	340165	169.686	ug/l	99
57) 1,3-Dichloropropane	10.94	76	427287	149.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	640809	719.314	ug/l	99
59) 2-Hexanone	10.98	43	729729	786.447	ug/l	98
60) Dibromochloromethane	11.13	129	312039	157.652	ug/l	96
61) 1,2-Dibromoethane	11.24	107	237079	156.130	ug/l	98
64) Tetrachloroethene	10.87	164	342598	159.858	ug/l	99
65) Chlorobenzene	11.66	112	936764	147.914	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	346668	151.053	ug/l	98
67) Ethyl Benzene	11.74	91	1717062	153.182	ug/l	98
68) m/p-Xylenes	11.85	106	1294181	304.554	ug/l	99
69) o-Xylene	12.17	106	617146	155.206	ug/l	99
70) Styrene	12.19	104	1034492	154.621	ug/l	100
71) Bromoform	12.35	173	196261	159.346	ug/l #	100
73) Isopropylbenzene	12.47	105	1726700	161.788	ug/l	100
74) N-amyl acetate	12.28	43	392408	161.921	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	276118	153.772	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	201752m	151.387	ug/l	
77) Bromobenzene	12.76	156	393849	155.801	ug/l	99
78) n-propylbenzene	12.81	91	1998731	155.103	ug/l	99
79) 2-Chlorotoluene	12.90	91	1167943	155.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1458725	157.066	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	90839	155.177	ug/l	99
82) 4-Chlorotoluene	12.99	91	1210597	153.244	ug/l	100
83) tert-Butylbenzene	13.21	119	1249734	160.296	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1482085	157.835	ug/l	100
85) sec-Butylbenzene	13.39	105	1745595	154.775	ug/l	99
86) p-Isopropyltoluene	13.51	119	1583450	156.164	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	768801	149.099	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	757315	147.868	ug/l	100
89) n-Butylbenzene	13.83	91	1433297	150.749	ug/l	100
90) Hexachloroethane	14.10	117	281334	153.000	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	691026	151.229	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	54514	157.665	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	506058	156.014	ug/l	99
94) Hexachlorobutadiene	15.24	225	304272	145.577	ug/l	100
95) Naphthalene	15.38	128	967661	175.237	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	454846	158.249	ug/l	100

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

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