

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092118\
 Data File : VW005542.D
 Acq On : 20 Sep 2018 21:02
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 9/21/2018 4:21:47 PM

Quant Time: Sep 21 05:42:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:37:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	218191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	335215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	27231	11.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.26%	
35) Dibromofluoromethane	7.88	113	22327	11.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.02%	
50) Toluene-d8	10.33	98	88221	10.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.38%	
62) 4-Bromofluorobenzene	12.62	95	33082	10.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16656	8.291	ug/l	88
3) Chloromethane	2.21	50	19271	7.884	ug/l	97
4) Vinyl Chloride	2.37	62	22912	9.669	ug/l	99
5) Bromomethane	2.78	94	14515	8.342	ug/l	98
6) Chloroethane	2.93	64	14340	10.156	ug/l	93
7) Trichlorofluoromethane	3.26	101	17150	5.776	ug/l	97
8) Diethyl Ether	3.68	74	11181	11.475	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	21839	11.445	ug/l	99
10) Methyl Iodide	4.27	142	33106	15.704	ug/l	99
11) Tert butyl alcohol	5.17	59	8399m	52.225	ug/l	
12) 1,1-Dichloroethene	4.03	96	20978	12.023	ug/l	89
13) Acrolein	3.89	56	6379	60.383	ug/l	99
14) Allyl chloride	4.67	41	35345	10.986	ug/l	100
15) Acrylonitrile	5.37	53	25182	56.998	ug/l	98
16) Acetone	4.12	43	26817	70.424	ug/l	98
17) Carbon Disulfide	4.38	76	65245	10.844	ug/l	98
18) Methyl Acetate	4.67	43	12446	11.223	ug/l #	75
19) Methyl tert-butyl Ether	5.43	73	31845	7.316	ug/l	97
20) Methylene Chloride	4.92	84	28909	10.628	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	22572	10.916	ug/l	97
22) Diisopropyl ether	6.32	45	67150	10.675	ug/l	98
23) Vinyl Acetate	6.26	43	189265	52.667	ug/l	99
24) 1,1-Dichloroethane	6.21	63	43024	11.186	ug/l	95
25) 2-Butanone	7.17	43	34121	61.468	ug/l	97
26) 2,2-Dichloropropane	7.17	77	32135	9.753	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	24351	10.822	ug/l	96
28) Bromochloromethane	7.52	49	18309	12.229	ug/l	98
29) Tetrahydrofuran	7.53	42	20350	57.356	ug/l	99
30) Chloroform	7.68	83	44408	11.123	ug/l	96
31) Cyclohexane	7.96	56	43017	11.714	ug/l #	92
32) 1,1,1-Trichloroethane	7.88	97	40354	11.066	ug/l	99
36) 1,1-Dichloropropene	8.09	75	34553	10.715	ug/l	98
37) Ethyl Acetate	7.26	43	14420	10.910	ug/l	97
38) Carbon Tetrachloride	8.07	117	37449	11.072	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38979	10.425	ug/l	93
40) Benzene	8.33	78	98714	10.626	ug/l	98
41) Methacrylonitrile	7.49	41	8410	10.623	ug/l	98
42) 1,2-Dichloroethane	8.40	62	31654	10.784	ug/l	98
43) Isopropyl Acetate	8.43	43	28928	11.283	ug/l	100
44) Trichloroethene	9.10	130	25234	10.551	ug/l	94
45) 1,2-Dichloropropane	9.37	63	23801	10.642	ug/l	99
46) Dibromomethane	9.46	93	12116	10.962	ug/l	98
47) Bromodichloromethane	9.65	83	31969	10.707	ug/l	98
48) Methyl methacrylate	9.44	41	12381	9.763	ug/l	98
49) 1,4-Dioxane	9.45	88	3817	212.438	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	72179	55.042	ug/l	97
52) Toluene	10.40	92	60031	9.685	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	30918	10.342	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	34315	10.142	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17420	10.672	ug/l	97
56) Ethyl methacrylate	10.65	69	19380	9.485	ug/l	98
57) 1,3-Dichloropropane	10.93	76	30364	10.799	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	45900	49.393	ug/l	98
59) 2-Hexanone	10.98	43	46533	52.290	ug/l	97
60) Dibromochloromethane	11.13	129	19966	10.182	ug/l	96
61) 1,2-Dibromoethane	11.24	107	16065	10.937	ug/l	95
64) Tetrachloroethene	10.87	164	22654	9.806	ug/l	91
65) Chlorobenzene	11.66	112	67586	10.079	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.74	131	23911	10.910	ug/l	99
67) Ethyl Benzene	11.74	91	113422	9.615	ug/l	93
68) m/p-Xylenes	11.85	106	87817	19.387	ug/l	98
69) o-Xylene	12.17	106	40206	9.535	ug/l	99
70) Styrene	12.19	104	66213	9.477	ug/l	99
71) Bromoform	12.35	173	12429	10.735	ug/l #	99
73) Isopropylbenzene	12.47	105	113668	9.424	ug/l	99
74) N-amyl acetate	12.28	43	25711	10.053	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	19882	11.070	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	17367m	12.171	ug/l	
77) Bromobenzene	12.76	156	27727	9.754	ug/l	99
78) n-propylbenzene	12.81	91	140549	9.659	ug/l	99
79) 2-Chlorotoluene	12.90	91	82134	9.602	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	101818	9.703	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6276	11.214	ug/l	97
82) 4-Chlorotoluene	13.00	91	86827	9.608	ug/l	99
83) tert-Butylbenzene	13.21	119	82891	9.497	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	101770	9.544	ug/l	99
85) sec-Butylbenzene	13.39	105	124081	9.838	ug/l	100
86) p-Isopropyltoluene	13.51	119	110771	9.815	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	58273	10.094	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	57751	10.173	ug/l	98
89) n-Butylbenzene	13.83	91	103200	9.831	ug/l	97
90) Hexachloroethane	14.10	117	20094	10.308	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	49994	9.927	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3767	11.060	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	34670	10.238	ug/l	98
94) Hexachlorobutadiene	15.25	225	24144	10.973	ug/l	99
95) Naphthalene	15.38	128	55615	9.803	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	30737	10.360	ug/l	99

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

