

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005657.D
 Acq On : 26 Sep 2018 17:15
 Operator : VA/AP
 Sample : VW0926SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Manual Integrations
 APPROVED

apatel
 9/27/2018 10:33:39 AM

Quant Time: Sep 27 06:52:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	333479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175236	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138933	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.88	113	112671	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
50) Toluene-d8	10.33	98	451490	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	171640	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30580	20.461	ug/l	96
3) Chloromethane	2.21	50	30422	16.663	ug/l	99
4) Vinyl Chloride	2.37	62	45129	20.679	ug/l	98
5) Bromomethane	2.78	94	30002	20.343	ug/l	99
6) Chloroethane	2.93	64	27013	19.290	ug/l	96
7) Trichlorofluoromethane	3.26	101	29750	17.430	ug/l	93
8) Diethyl Ether	3.67	74	24042	21.563	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44499	20.595	ug/l	98
10) Methyl Iodide	4.26	142	68255	20.541	ug/l	99
11) Tert butyl alcohol	5.20	59	16106	115.305	ug/l #	80
12) 1,1-Dichloroethene	4.03	96	44118	21.328	ug/l	93
13) Acrolein	3.89	56	10350	100.245	ug/l	98
14) Allyl chloride	4.66	41	71790	19.887	ug/l	97
15) Acrylonitrile	5.37	53	54064	109.211	ug/l	99
16) Acetone	4.14	43	61874	143.060	ug/l	98
17) Carbon Disulfide	4.37	76	129967	20.109	ug/l	99
18) Methyl Acetate	4.67	43	24651	19.439	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	67720	21.210	ug/l	98
20) Methylene Chloride	4.91	84	56463	22.859	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	47330	20.891	ug/l	97
22) Diisopropyl ether	6.31	45	144386	20.603	ug/l	97
23) Vinyl Acetate	6.26	43	434769	108.544	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89416	20.652	ug/l	99
25) 2-Butanone	7.18	43	75569	116.286	ug/l	98
26) 2,2-Dichloropropane	7.17	77	63459	20.994	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	51979	20.801	ug/l	99
28) Bromochloromethane	7.51	49	32895	19.180	ug/l	94
29) Tetrahydrofuran	7.53	42	44193	108.853	ug/l	99
30) Chloroform	7.68	83	94023	21.034	ug/l	99
31) Cyclohexane	7.95	56	83836	20.210	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	81790	20.713	ug/l	99
36) 1,1-Dichloropropene	8.08	75	74530	22.201	ug/l	99
37) Ethyl Acetate	7.26	43	30866	21.849	ug/l	98
38) Carbon Tetrachloride	8.07	117	78996	21.960	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86419	21.819	ug/l	99
40) Benzene	8.32	78	204937	21.546	ug/l	99
41) Methacrylonitrile	7.49	41	18657	23.208	ug/l	99
42) 1,2-Dichloroethane	8.40	62	66934	21.980	ug/l	99
43) Isopropyl Acetate	8.43	43	61272	22.060	ug/l	99
44) Trichloroethene	9.10	130	53371	21.922	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49080	20.974	ug/l	94
46) Dibromomethane	9.46	93	26494	22.660	ug/l	99
47) Bromodichloromethane	9.65	83	68227	21.723	ug/l	97
48) Methyl methacrylate	9.44	41	28819	21.845	ug/l	98
49) 1,4-Dioxane	9.46	88	7476	402.178	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	158400	113.229	ug/l	100
52) Toluene	10.39	92	129901	21.888	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69106	21.948	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	77746	22.038	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	37112	22.361	ug/l	98
56) Ethyl methacrylate	10.65	69	46636	22.763	ug/l	97
57) 1,3-Dichloropropane	10.93	76	65388	22.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	102160	110.001	ug/l	98
59) 2-Hexanone	10.98	43	116470	122.557	ug/l	100
60) Dibromochloromethane	11.13	129	45470	22.675	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33863	21.884	ug/l	93
64) Tetrachloroethene	10.87	164	46432	20.601	ug/l	97
65) Chlorobenzene	11.66	112	141970	21.060	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	51979	21.423	ug/l	99
67) Ethyl Benzene	11.74	91	253575	21.191	ug/l	97
68) m/p-Xylenes	11.84	106	195074	43.151	ug/l	100
69) o-Xylene	12.17	106	90377	21.346	ug/l	98
70) Styrene	12.19	104	151321	21.238	ug/l	100
71) Bromoform	12.35	173	29252	22.713	ug/l #	98
73) Isopropylbenzene	12.47	105	258491	21.271	ug/l	100
74) N-amyl acetate	12.28	43	58314	21.192	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44176	21.886	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37585m	25.161	ug/l	
77) Bromobenzene	12.76	156	61009	21.420	ug/l	98
78) n-propylbenzene	12.81	91	316199	21.492	ug/l	99
79) 2-Chlorotoluene	12.90	91	180411	21.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	226084	21.396	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14533	21.913	ug/l	99
82) 4-Chlorotoluene	12.99	91	191851	21.332	ug/l	100
83) tert-Butylbenzene	13.21	119	190507	21.460	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	232442	21.798	ug/l	99
85) sec-Butylbenzene	13.39	105	276167	21.450	ug/l	100
86) p-Isopropyltoluene	13.51	119	253414	21.959	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	126645	21.745	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	124166	21.436	ug/l	100
89) n-Butylbenzene	13.83	91	236384	21.716	ug/l	99
90) Hexachloroethane	14.10	117	43822	20.951	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	110278	21.450	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8428	21.915	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	81393	22.193	ug/l	100
94) Hexachlorobutadiene	15.24	225	50687	21.333	ug/l	99
95) Naphthalene	15.38	128	139729	22.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	72338	22.381	ug/l	99

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

