

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007170.D
 Acq On : 03 Dec 2018 23:36
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 12/5/2018 10:40:23 AM

Quant Time: Dec 04 03:51:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 03:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	123379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	183803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	186881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	97467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	6685	5.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.12%	
35) Dibromofluoromethane	7.88	113	5901	5.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.42%	
50) Toluene-d8	10.33	98	26422	5.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.66%	
62) 4-Bromofluorobenzene	12.62	95	11149	6.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.50%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	3915	3.251 ug/l	91
3) Chloromethane	2.21	50	7893	7.039 ug/l	98
4) Vinyl Chloride	2.36	62	2433	2.471 ug/l	93
5) Bromomethane	2.75	94	1028	2.046 ug/l	90
6) Chloroethane	2.91	64	2400	4.415 ug/l #	80
7) Trichlorofluoromethane	3.26	101	4971	2.549 ug/l	86
8) Diethyl Ether	3.68	74	1597	2.529 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	3109	2.465 ug/l	97
11) Tert butyl alcohol	5.13	59	6237	74.221 ug/l #	78
12) 1,1-Dichloroethene	4.04	96	2766	2.482 ug/l	85
13) Acrolein	3.89	56	2050	25.174 ug/l	98
14) Allyl chloride	4.67	41	4680	2.528 ug/l	100
15) Acrylonitrile	5.37	53	3002	12.556 ug/l	97
16) Acetone	4.13	43	3382	18.539 ug/l	92
17) Carbon Disulfide	4.38	76	9562	2.628 ug/l	98
18) Methyl Acetate	4.68	43	2021	3.210 ug/l	98
19) Methyl tert-butyl Ether	5.42	73	7192	2.484 ug/l #	89
20) Methylene Chloride	4.93	84	6190	3.575 ug/l	85
21) trans-1,2-Dichloroethene	5.42	96	3267	2.510 ug/l	87
22) Diisopropyl ether	6.31	45	8224	2.293 ug/l	98
23) Vinyl Acetate	6.26	43	22334	11.746 ug/l	94
24) 1,1-Dichloroethane	6.21	63	5491	2.509 ug/l	95
25) 2-Butanone	7.17	43	4260	14.178 ug/l	90
26) 2,2-Dichloropropane	7.17	77	5210	2.659 ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	3591	2.583 ug/l	94
28) Bromochloromethane	7.51	49	4325	5.305 ug/l #	98
29) Tetrahydrofuran	7.52	42	2572	13.240 ug/l	98
30) Chloroform	7.68	83	5976	2.568 ug/l	95
31) Cyclohexane	7.95	56	7260	3.172 ug/l #	73
32) 1,1,1-Trichloroethane	7.88	97	5215	2.491 ug/l	98
36) 1,1-Dichloropropene	8.08	75	4825	2.725 ug/l	96
37) Ethyl Acetate	7.26	43	1854	2.858 ug/l #	94
38) Carbon Tetrachloride	8.07	117	4455	2.614 ug/l	95
39) Methylcyclohexane	9.34	83	6116	2.758 ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	12806	2.662	ug/l	95
41) Methacrylonitrile	7.48	41	974	2.395	ug/l #	55
42) 1,2-Dichloroethane	8.40	62	3614	2.590	ug/l	98
43) Isopropyl Acetate	8.43	43	3471	2.793	ug/l	99
44) Trichloroethene	9.10	130	3494	2.590	ug/l	95
45) 1,2-Dichloropropane	9.37	63	3319	2.815	ug/l	98
46) Dibromomethane	9.46	93	1645	2.750	ug/l	96
47) Bromodichloromethane	9.65	83	4315	2.752	ug/l #	96
48) Methyl methacrylate	9.44	41	1674	2.803	ug/l	95
49) 1,4-Dioxane	9.45	88	603	66.233	ug/l #	88
51) 4-Methyl-2-Pentanone	10.21	43	9268	14.840	ug/l	91
52) Toluene	10.39	92	8738	2.669	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	3926	2.579	ug/l #	87
54) cis-1,3-Dichloropropene	10.08	75	4751	2.604	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	2548	2.913	ug/l #	86
56) Ethyl methacrylate	10.65	69	2952	2.865	ug/l	96
57) 1,3-Dichloropropane	10.93	76	3935	2.683	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.93	63	12557	24.085	ug/l	100
59) 2-Hexanone	10.97	43	5628	13.200	ug/l	100
60) Dibromochloromethane	11.13	129	2810	2.798	ug/l	94
61) 1,2-Dibromoethane	11.24	107	2101	2.600	ug/l	99
64) Tetrachloroethene	10.86	164	3294	2.715	ug/l	90
65) Chlorobenzene	11.66	112	9917	2.552	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.74	131	2991	2.511	ug/l	98
67) Ethyl Benzene	11.74	91	17441	2.447	ug/l	97
68) m/p-Xylenes	11.84	106	14234	5.087	ug/l	100
69) o-Xylene	12.17	106	6826	2.589	ug/l	98
70) Styrene	12.18	104	10983	2.609	ug/l	97
71) Bromoform	12.35	173	1518	2.679	ug/l #	96
73) Isopropylbenzene	12.47	105	17644	2.357	ug/l	99
74) N-amyl acetate	12.28	43	3248	2.542	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	2635	2.609	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	1467m	1.857	ug/l	
77) Bromobenzene	12.75	156	3980	2.469	ug/l	95
78) n-propylbenzene	12.81	91	21436	2.370	ug/l	100
79) 2-Chlorotoluene	12.90	91	12672	2.425	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	15451	2.387	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	751	2.440	ug/l	94
82) 4-Chlorotoluene	12.99	91	12801	2.337	ug/l	98
83) tert-Butylbenzene	13.21	119	13299	2.369	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	16025	2.482	ug/l	99
85) sec-Butylbenzene	13.39	105	19098	2.416	ug/l	99
86) p-Isopropyltoluene	13.51	119	16912	2.422	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	8265	2.518	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	8581	2.608	ug/l	88
89) n-Butylbenzene	13.83	91	16103	2.455	ug/l	97
90) Hexachloroethane	14.10	117	2522	2.443	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	7382	2.557	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	499	2.875	ug/l	97
93) 1,2,4-Trichlorobenzene	15.14	180	4838	2.524	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	2469	2.402	ug/l	96
95) Naphthalene	15.38	128	8848	2.533	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	4159	2.616	ug/l	94

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

