

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006544.D
 Acq On : 01 Nov 2018 00:21
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 11/2/2018 3:11:28 PM

Quant Time: Nov 01 03:34:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	418304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	219560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	49817	20.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.06%	
35) Dibromofluoromethane	7.88	113	51651	20.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.30%	
50) Toluene-d8	10.33	98	199282	20.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.76%	
62) 4-Bromofluorobenzene	12.62	95	72167	20.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34037	24.010	ug/l	99
3) Chloromethane	2.21	50	40013	21.766	ug/l	100
4) Vinyl Chloride	2.37	62	57245	21.920	ug/l	98
5) Bromomethane	2.79	94	48096	20.352	ug/l	97
6) Chloroethane	2.93	64	39978	21.431	ug/l	98
7) Trichlorofluoromethane	3.26	101	47848	19.873	ug/l	95
8) Diethyl Ether	3.68	74	25947	20.314	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53196	20.799	ug/l	99
10) Methyl Iodide	4.27	142	95687	22.241	ug/l	100
11) Tert butyl alcohol	5.23	59	13858	87.530	ug/l	98
12) 1,1-Dichloroethene	4.03	96	50265	20.811	ug/l	95
13) Acrolein	3.90	56	17238	108.347	ug/l	99
14) Allyl chloride	4.67	41	65244	19.124	ug/l	100
15) Acrylonitrile	5.38	53	45913	98.606	ug/l	99
16) Acetone	4.15	43	42135	82.404	ug/l	100
17) Carbon Disulfide	4.38	76	142813	19.798	ug/l	100
18) Methyl Acetate	4.68	43	23782	19.868	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	74904	20.452	ug/l	100
20) Methylene Chloride	4.91	84	66563	23.427	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	57034	21.135	ug/l	98
22) Diisopropyl ether	6.32	45	137376	20.223	ug/l	98
23) Vinyl Acetate	6.26	43	373468	93.760	ug/l	99
24) 1,1-Dichloroethane	6.22	63	92850	21.088	ug/l	99
25) 2-Butanone	7.18	43	59320	92.403	ug/l	100
26) 2,2-Dichloropropane	7.17	77	55497	18.217	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	63369	21.213	ug/l	99
28) Bromochloromethane	7.51	49	34933	20.602	ug/l	100
29) Tetrahydrofuran	7.54	42	36658	92.746	ug/l	99
30) Chloroform	7.68	83	102428	21.264	ug/l	99
31) Cyclohexane	7.96	56	84001	19.389	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	86618	20.162	ug/l	99
36) 1,1-Dichloropropene	8.09	75	78555	20.524	ug/l	99
37) Ethyl Acetate	7.26	43	25540	18.048	ug/l	99
38) Carbon Tetrachloride	8.07	117	82117	19.707	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99745	19.705	ug/l	98
40) Benzene	8.32	78	223096	21.082	ug/l	99
41) Methacrylonitrile	7.49	41	16301	19.248	ug/l	97
42) 1,2-Dichloroethane	8.40	62	63470	20.548	ug/l	99
43) Isopropyl Acetate	8.43	43	51590	17.945	ug/l	100
44) Trichloroethene	9.09	130	67684	20.837	ug/l	95
45) 1,2-Dichloropropane	9.37	63	52349	20.755	ug/l	99
46) Dibromomethane	9.46	93	30434	21.110	ug/l	99
47) Bromodichloromethane	9.65	83	69403	19.924	ug/l	97
48) Methyl methacrylate	9.44	41	25068	18.344	ug/l	98
49) 1,4-Dioxane	9.49	88	8665	393.072	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	133458	92.201	ug/l	99
52) Toluene	10.39	92	149183	21.033	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	66056	19.111	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	79776	20.063	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42437	20.987	ug/l	97
56) Ethyl methacrylate	10.65	69	46879	19.040	ug/l	96
57) 1,3-Dichloropropane	10.94	76	68383	20.490	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	113129	115.650	ug/l	100
59) 2-Hexanone	10.98	43	91803	89.205	ug/l	97
60) Dibromochloromethane	11.13	129	49457	19.727	ug/l	99
61) 1,2-Dibromoethane	11.24	107	42396	20.996	ug/l	98
64) Tetrachloroethene	10.87	164	65919	21.603	ug/l	98
65) Chlorobenzene	11.66	112	175003	20.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	60740	20.506	ug/l	99
67) Ethyl Benzene	11.74	91	292977	20.335	ug/l	99
68) m/p-Xylenes	11.84	106	234452	41.087	ug/l	100
69) o-Xylene	12.17	106	110359	20.285	ug/l	99
70) Styrene	12.18	104	180641	20.397	ug/l	100
71) Bromoform	12.35	173	30222	18.441	ug/l #	99
73) Isopropylbenzene	12.47	105	303665	19.723	ug/l	100
74) N-amyl acetate	12.28	43	49709	16.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47247	20.171	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	35926m	21.145	ug/l	
77) Bromobenzene	12.75	156	79135	20.854	ug/l	99
78) n-propylbenzene	12.81	91	354999	19.878	ug/l	100
79) 2-Chlorotoluene	12.90	91	203544	20.268	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	261235	20.156	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11742	17.070	ug/l	97
82) 4-Chlorotoluene	12.99	91	213835	20.248	ug/l	100
83) tert-Butylbenzene	13.21	119	230643	19.880	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	268193	20.388	ug/l	99
85) sec-Butylbenzene	13.39	105	325325	19.907	ug/l	100
86) p-Isopropyltoluene	13.51	119	293362	19.829	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	156490	20.725	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	156231	20.795	ug/l	99
89) n-Butylbenzene	13.83	91	263807	19.552	ug/l	100
90) Hexachloroethane	14.10	117	46745	18.747	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	140873	20.910	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7389	17.884	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	104635	20.170	ug/l	99
94) Hexachlorobutadiene	15.24	225	66036	20.394	ug/l	100
95) Naphthalene	15.38	128	163665	19.040	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	92615	20.611	ug/l	99

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

