

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080618\
 Data File : VW004478.D
 Acq On : 06 Aug 2018 19:10
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 8/7/2018 4:48:58 PM

Quant Time: Aug 07 08:10:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:40:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	735464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1147025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1112434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	598480	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	161258	21.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.98%	
35) Dibromofluoromethane	7.88	113	148265	20.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.54%	
50) Toluene-d8	10.33	98	584026	20.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.66%	
62) 4-Bromofluorobenzene	12.63	95	208325	20.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	110515	37.08	ug/l	95
3) Chloromethane	2.22	50	127032	27.01	ug/l	98
4) Vinyl Chloride	2.37	62	200197	26.30	ug/l	96
5) Bromomethane	2.77	94	111850	22.84	ug/l	95
6) Chloroethane	2.92	64	116615	24.52	ug/l	97
7) Trichlorofluoromethane	3.25	101	67649	16.11	ug/l	95
8) Diethyl Ether	3.67	74	90210	22.80	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	161440	21.59	ug/l	98
10) Methyl Iodide	4.27	142	238632	21.43	ug/l	99
11) Tert butyl alcohol	5.18	59	50028	92.78	ug/l	99
12) 1,1-Dichloroethene	4.03	96	159666	21.47	ug/l	99
13) Acrolein	3.89	56	62816	126.40	ug/l	96
14) Allyl chloride	4.66	41	230082	19.53	ug/l	99
15) Acrylonitrile	5.37	53	206575	119.77	ug/l	98
16) Acetone	4.12	43	210866	123.14	ug/l	97
17) Carbon Disulfide	4.38	76	514800	22.38	ug/l	99
18) Methyl Acetate	4.67	43	98028	21.90	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	214517	16.78	ug/l	99
20) Methylene Chloride	4.91	84	263310	31.82	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	168961	21.16	ug/l	100
22) Diisopropyl ether	6.31	45	511120	22.62	ug/l	99
23) Vinyl Acetate	6.26	43	1502894	113.66	ug/l	99
24) 1,1-Dichloroethane	6.21	63	314220	21.52	ug/l	99
25) 2-Butanone	7.18	43	337420	151.59	ug/l	99
26) 2,2-Dichloropropane	7.17	77	163952	19.88	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	183679	22.47	ug/l	98
28) Bromochloromethane	7.51	49	137524	25.89	ug/l	100
29) Tetrahydrofuran	7.54	42	174892	127.78	ug/l	98
30) Chloroform	7.68	83	312061	22.43	ug/l	98
31) Cyclohexane	7.95	56	298713	23.05	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	231671	20.57	ug/l	99
36) 1,1-Dichloropropene	8.08	75	249628	21.51	ug/l	99
37) Ethyl Acetate	7.26	43	117194	24.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	220440	19.47	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	293385	20.80	ug/l	97
40) Benzene	8.32	78	728948	22.23	ug/l	99
41) Methacrylonitrile	7.49	41	64744	23.52	ug/l	97
42) 1,2-Dichloroethane	8.40	62	204280	21.90	ug/l	100
43) Isopropyl Acetate	8.43	43	197351	22.85	ug/l	99
44) Trichloroethene	9.09	130	178883	20.42	ug/l	100
45) 1,2-Dichloropropane	9.37	63	183259	22.51	ug/l	98
46) Dibromomethane	9.46	93	94849	22.76	ug/l	99
47) Bromodichloromethane	9.65	83	217522	20.85	ug/l	98
48) Methyl methacrylate	9.44	41	93655	21.46	ug/l	99
49) 1,4-Dioxane	9.45	88	28345	447.56	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	730767	145.28	ug/l	99
52) Toluene	10.39	92	439206	21.48	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	218743	20.93	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	256037	21.00	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	137677	23.26	ug/l	97
56) Ethyl methacrylate	10.65	69	154654	21.50	ug/l	99
57) 1,3-Dichloropropane	10.94	76	232453	22.98	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	400188	121.53	ug/l	100
59) 2-Hexanone	10.98	43	502842	146.07	ug/l	97
60) Dibromochloromethane	11.13	129	147084	20.93	ug/l	100
61) 1,2-Dibromoethane	11.24	107	128546	22.73	ug/l	100
64) Tetrachloroethene	10.87	164	151621	18.73	ug/l	97
65) Chlorobenzene	11.66	112	485667	20.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	162798	19.68	ug/l	99
67) Ethyl Benzene	11.74	91	817243	19.93	ug/l	99
68) m/p-Xylenes	11.85	106	647999	41.18	ug/l	99
69) o-Xylene	12.17	106	292038	20.07	ug/l	99
70) Styrene	12.19	104	503807	20.42	ug/l	100
71) Bromoform	12.35	173	89534	19.36	ug/l #	99
73) Isopropylbenzene	12.47	105	809060	19.38	ug/l	99
74) N-amyl acetate	12.28	43	194326	21.19	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	171378	22.90	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	120011m	22.19	ug/l	
77) Bromobenzene	12.75	156	198008	19.71	ug/l	99
78) n-propylbenzene	12.81	91	1016143	20.02	ug/l	99
79) 2-Chlorotoluene	12.90	91	583975	20.08	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	710139	19.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	49155	20.61	ug/l	97
82) 4-Chlorotoluene	12.99	91	633737	20.48	ug/l	100
83) tert-Butylbenzene	13.21	119	573353	19.18	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	736589	20.05	ug/l	100
85) sec-Butylbenzene	13.39	105	878311	20.09	ug/l	99
86) p-Isopropyltoluene	13.51	119	774425	19.78	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	408307	20.20	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	404321	20.05	ug/l	98
89) n-Butylbenzene	13.84	91	741923	20.11	ug/l	99
90) Hexachloroethane	14.10	117	136265	19.47	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	374502	20.66	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	27850	21.50	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	258328	20.32	ug/l	99
94) Hexachlorobutadiene	15.24	225	148640	19.24	ug/l	100
95) Naphthalene	15.38	128	469225	21.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	232242	20.73	ug/l	98

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

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