

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005002.D
 Acq On : 29 Aug 2018 14:18
 Operator : SY/AP
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:43:44 PM

Quant Time: Aug 30 01:42:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	513419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	725661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	723763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	402024	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	328939	93.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.32%	
35) Dibromofluoromethane	7.89	113	344392	95.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.54%	
50) Toluene-d8	10.33	98	1972015	99.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.78%	
62) 4-Bromofluorobenzene	12.62	95	712468	98.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	408262	92.046	ug/l	99
3) Chloromethane	2.22	50	595642	94.557	ug/l	99
4) Vinyl Chloride	2.36	62	605284	96.263	ug/l	98
5) Bromomethane	2.77	94	355027	86.379	ug/l	97
6) Chloroethane	2.92	64	356898	95.987	ug/l	99
7) Trichlorofluoromethane	3.26	101	622450	95.741	ug/l	99
8) Diethyl Ether	3.69	74	189693	102.615	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	379090	94.470	ug/l	99
10) Methyl Iodide	4.28	142	643155	117.186	ug/l	99
11) Tert butyl alcohol	5.21	59	117026	558.248	ug/l	100
12) 1,1-Dichloroethene	4.04	96	371564	99.109	ug/l	97
13) Acrolein	3.90	56	160393	535.588	ug/l	99
14) Allyl chloride	4.68	41	602407	104.350	ug/l	99
15) Acrylonitrile	5.39	53	513448	544.649	ug/l	100
16) Acetone	4.14	43	397046	501.323	ug/l	98
17) Carbon Disulfide	4.39	76	1612220	102.308	ug/l	100
18) Methyl Acetate	4.68	43	194151	101.207	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	875841	108.712	ug/l	100
20) Methylene Chloride	4.92	84	541603	81.157	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	405102	99.515	ug/l	97
22) Diisopropyl ether	6.32	45	1322144	112.191	ug/l	98
23) Vinyl Acetate	6.26	43	3365299	558.538	ug/l	100
24) 1,1-Dichloroethane	6.23	63	698966	98.027	ug/l	100
25) 2-Butanone	7.18	43	634539	513.775	ug/l	100
26) 2,2-Dichloropropane	7.17	77	581692	92.946	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	444590	100.396	ug/l	99
28) Bromochloromethane	7.52	49	312943	99.811	ug/l	97
29) Tetrahydrofuran	7.54	42	336812	539.846	ug/l	99
30) Chloroform	7.68	83	680376	97.012	ug/l	100
31) Cyclohexane	7.96	56	760743	100.667	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	629552	97.557	ug/l	99
36) 1,1-Dichloropropene	8.09	75	643711	104.692	ug/l	99
37) Ethyl Acetate	7.26	43	237832	107.314	ug/l	99
38) Carbon Tetrachloride	8.07	117	574126	96.485	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	955426	112.722	ug/l	97
40) Benzene	8.33	78	2037042	103.502	ug/l	100
41) Methacrylonitrile	7.49	41	137798	106.695	ug/l	98
42) 1,2-Dichloroethane	8.41	62	417194	95.263	ug/l	99
43) Isopropyl Acetate	8.43	43	479442	108.720	ug/l	98
44) Trichloroethene	9.10	130	512572	101.963	ug/l	100
45) 1,2-Dichloropropane	9.37	63	461248	102.432	ug/l	99
46) Dibromomethane	9.46	93	206756	97.011	ug/l	99
47) Bromodichloromethane	9.65	83	523313	99.372	ug/l	99
48) Methyl methacrylate	9.44	41	277099	118.346	ug/l	99
49) 1,4-Dioxane	9.48	88	93717	2118.974	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	1822434	551.782	ug/l	100
52) Toluene	10.39	92	1494805	102.372	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	618527	109.977	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	699124	106.600	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	354492	101.619	ug/l	99
56) Ethyl methacrylate	10.65	69	526179	114.995	ug/l	99
57) 1,3-Dichloropropane	10.94	76	605108	105.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1129958	573.203	ug/l	100
59) 2-Hexanone	10.98	43	1316295	550.439	ug/l	100
60) Dibromochloromethane	11.13	129	408199	106.619	ug/l	99
61) 1,2-Dibromoethane	11.24	107	353123	107.974	ug/l	100
64) Tetrachloroethene	10.87	164	545056	103.290	ug/l	98
65) Chlorobenzene	11.66	112	1641338	103.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	473917	108.511	ug/l	99
67) Ethyl Benzene	11.74	91	2936147	107.836	ug/l	100
68) m/p-Xylenes	11.85	106	2376810	214.022	ug/l	99
69) o-Xylene	12.17	106	1115114	109.889	ug/l	100
70) Styrene	12.19	104	1856966	110.315	ug/l	99
71) Bromoform	12.35	173	271839	111.941	ug/l #	99
73) Isopropylbenzene	12.47	105	2974356	110.985	ug/l	100
74) N-amyl acetate	12.28	43	590812	116.821	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	441915	108.907	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	292687m	58.323	ug/l	
77) Bromobenzene	12.75	156	694344	105.596	ug/l	99
78) n-propylbenzene	12.81	91	3640335	110.122	ug/l	99
79) 2-Chlorotoluene	12.90	91	2048105	107.271	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2605725	110.049	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	147334	116.943	ug/l	99
82) 4-Chlorotoluene	12.99	91	2177339	107.034	ug/l	99
83) tert-Butylbenzene	13.21	119	2221292	111.694	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2647528	110.200	ug/l	99
85) sec-Butylbenzene	13.39	105	3205072	109.789	ug/l	100
86) p-Isopropyltoluene	13.51	119	2919073	111.611	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1436172	103.029	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	1410717	102.169	ug/l	99
89) n-Butylbenzene	13.83	91	2756109	112.255	ug/l	100
90) Hexachloroethane	14.10	117	448389	109.065	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	1273792	103.808	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	76451	109.089	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	936846	108.980	ug/l	99
94) Hexachlorobutadiene	15.24	225	557194	103.547	ug/l	99
95) Naphthalene	15.38	128	1679882	119.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	820896	108.094	ug/l	99

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

