

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005660.D
 Acq On : 26 Sep 2018 18:33
 Operator : VA/AP
 Sample : J5066-05MS
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

Manual Integrations
 APPROVED

apatel
 9/27/2018 10:33:47 AM

Quant Time: Sep 27 07:04:51 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	190448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	297534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	313972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138887	61.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.80%	
35) Dibromofluoromethane	7.88	113	109977	58.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.56%	
50) Toluene-d8	10.33	98	400935	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.62	95	438900	155.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72184	63.929	ug/l	96
3) Chloromethane	2.21	50	77258	50.464	ug/l	98
4) Vinyl Chloride	2.37	62	112684	61.577	ug/l	99
5) Bromomethane	2.78	94	72439	58.575	ug/l	100
6) Chloroethane	2.93	64	67004	57.062	ug/l	100
7) Trichlorofluoromethane	3.25	101	71100	49.677	ug/l	98
8) Diethyl Ether	3.68	74	59657	63.808	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87473	48.281	ug/l	98
10) Methyl Iodide	4.28	142	169116	60.696	ug/l	100
11) Tert butyl alcohol	5.19	59	37698	326.146	ug/l	99
12) 1,1-Dichloroethene	4.03	96	110016	63.428	ug/l	99
14) Allvl chloride	4.67	41	180082	59.491	ug/l	99
15) Acrylonitrile	5.37	53	146500	352.921	ug/l	99
16) Acetone	4.13	43	151236	435.790	ug/l	99
17) Carbon Disulfide	4.38	76	334682	61.756	ug/l	99
18) Methyl Acetate	4.67	43	199079	187.213	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	129741	48.461	ug/l	98
20) Methylene Chloride	4.92	84	116849	63.302	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	117110	61.644	ug/l	93
22) Diisopropyl ether	6.31	45	280141	47.673	ug/l	99
23) Vinyl Acetate	6.26	43	580271	172.767	ug/l	98
24) 1,1-Dichloroethane	6.21	63	215218	59.279	ug/l	99
25) 2-Butanone	7.18	43	195129	358.086	ug/l	97
26) 2,2-Dichloropropane	7.17	77	111383	43.945	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	128203	61.183	ug/l	96
28) Bromochloromethane	7.51	49	81096	56.390	ug/l	97
29) Tetrahydrofuran	7.53	42	137254	403.177	ug/l	99
30) Chloroform	7.68	83	227057	60.577	ug/l	99
31) Cyclohexane	7.96	56	124792	35.877	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	166765	50.364	ug/l	98
36) 1,1-Dichloropropene	8.09	75	163383	54.549	ug/l	99
37) Ethyl Acetate	7.26	43	81070	64.319	ug/l	99
38) Carbon Tetrachloride	8.07	117	162995	50.784	ug/l	96
39) Methylcyclohexane	9.34	83	89991	25.466	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.33	78	483460	56.969	ug/l	100
41) Methacrylonitrile	7.49	41	54825	76.437	ug/l	94
42) 1,2-Dichloroethane	8.40	62	172594	63.523	ug/l	100
43) Isopropyl Acetate	8.43	43	164998	66.581	ug/l	98
44) Trichloroethene	9.09	130	121453	55.912	ug/l	96
45) 1,2-Dichloropropane	9.37	63	118203	56.616	ug/l	98
46) Dibromomethane	9.46	93	66863	64.096	ug/l	98
47) Bromodichloromethane	9.65	83	168715	60.207	ug/l	98
48) Methyl methacrylate	9.44	41	93985	79.848	ug/l	96
49) 1,4-Dioxane	9.46	88	21362	1288.021	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	467165	374.288	ug/l	100
52) Toluene	10.39	92	286537	54.113	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	178685	63.606	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	193053	61.335	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	111215	75.107	ug/l	97
56) Ethyl methacrylate	10.65	69	141935	77.648	ug/l	97
57) 1,3-Dichloropropane	10.93	76	166905	63.598	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	268123	323.580	ug/l	98
59) 2-Hexanone	10.98	43	520210	613.530	ug/l	75
60) Dibromochloromethane	11.13	129	113390	63.377	ug/l	97
61) 1,2-Dibromoethane	11.24	107	91428	66.223	ug/l	91
64) Tetrachloroethene	10.87	164	85067	45.308	ug/l	91
65) Chlorobenzene	11.66	112	308247	54.889	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	117297	58.034	ug/l	99
67) Ethyl Benzene	11.74	91	472495	47.401	ug/l	100
68) m/p-Xylenes	11.85	106	297419	78.975	ug/l	95
69) o-Xylene	12.17	106	179096	50.779	ug/l	87
70) Stvrene	12.18	104	309690	52.175	ug/l	94
71) Bromoform	12.35	173	70487	65.700	ug/l #	100
73) Isopropylbenzene	12.47	105	326449	14.993	ug/l	99
74) N-amyl acetate	12.27	43	5006541	1015.467	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.71	83	635177	175.629	ug/l #	40
76) 1,2,3-Trichloropropane	12.77	75	82353m	30.770	ug/l	
77) Bromobenzene	12.75	156	132113	25.888	ug/l #	26
78) n-propylbenzene	12.81	91	408886	15.511	ug/l	88
79) 2-Chlorotoluene	12.90	91	418411	27.435	ug/l	90
80) 1,3,5-Trimethylbenzene	12.96	105	363528	19.201	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	39641	33.360	ug/l #	1
82) 4-Chlorotoluene	12.99	91	370967	23.022	ug/l	77
83) tert-Butylbenzene	13.21	119	894093	56.212	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	221558	11.596	ug/l	98
85) sec-Butylbenzene	13.40	105	203590	8.825	ug/l	98
86) p-Isopropyltoluene	13.51	119	332348m	16.073	ug/l	
87) 1,3-Dichlorobenzene	13.51	146	189437	18.154	ug/l #	1
88) 1,4-Dichlorobenzene	13.59	146	199080	19.183	ug/l #	1
89) n-Butylbenzene	13.83	91	111347	5.709	ug/l #	63
90) Hexachloroethane	14.11	117	932294	248.769	ug/l #	11
91) 1,2-Dichlorobenzene	13.88	146	185425	20.130	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.47	75	49082	71.232	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.15	180	85081	12.948	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	21311	5.006	ug/l	98
95) Naphthalene	15.38	128	173498	15.697	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.57	180	80652	13.927	ug/l #	1

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

