

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006074.D
 Acq On : 16 Oct 2018 13:18
 Operator : VA/AP
 Sample : VW1016SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBS01

Manual Integrations
 APPROVED

apatel
 10/17/2018 10:04:48 AM

Quant Time: Oct 16 15:01:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	302573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	422959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	215679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113827	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
35) Dibromofluoromethane	7.89	113	117014	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.33	98	455279	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.62	95	167720	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27292	18.227	ug/l	98
3) Chloromethane	2.22	50	34072	17.678	ug/l	97
4) Vinyl Chloride	2.37	62	52210	18.968	ug/l	96
5) Bromomethane	2.78	94	47309	18.897	ug/l	98
6) Chloroethane	2.93	64	36734	18.623	ug/l	96
7) Trichlorofluoromethane	3.26	101	53016	20.676	ug/l	98
8) Diethyl Ether	3.68	74	23883	17.526	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54990	20.464	ug/l	98
10) Methyl Iodide	4.27	142	88899	19.877	ug/l	100
11) Tert butyl alcohol	5.17	59	19311	114.464	ug/l	98
12) 1,1-Dichloroethene	4.04	96	49767	19.686	ug/l	89
13) Acrolein	3.90	56	16450	100.768	ug/l	95
14) Allyl chloride	4.67	41	71896	19.889	ug/l	99
15) Acrylonitrile	5.37	53	47366	96.907	ug/l	99
16) Acetone	4.12	43	56979	112.960	ug/l	99
17) Carbon Disulfide	4.38	76	150404	19.712	ug/l	99
18) Methyl Acetate	4.67	43	23814	18.864	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	76129	19.771	ug/l	98
20) Methylene Chloride	4.92	84	53056	18.979	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	55734	19.751	ug/l	99
22) Diisopropyl ether	6.32	45	142518	19.951	ug/l	98
23) Vinyl Acetate	6.26	43	408124	96.811	ug/l	100
24) 1,1-Dichloroethane	6.22	63	91419	19.834	ug/l	98
25) 2-Butanone	7.18	43	69842	103.062	ug/l	96
26) 2,2-Dichloropropane	7.17	77	68678	21.126	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	61370	19.708	ug/l	97
28) Bromochloromethane	7.51	49	28639	16.094	ug/l	97
29) Tetrahydrofuran	7.53	42	40003	96.035	ug/l	99
30) Chloroform	7.68	83	98974	19.709	ug/l	99
31) Cyclohexane	7.96	56	91213	19.871	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	91200	20.132	ug/l	99
36) 1,1-Dichloropropene	8.09	75	80986	20.774	ug/l	99
37) Ethyl Acetate	7.26	43	27043	18.670	ug/l	100
38) Carbon Tetrachloride	8.07	117	86564	20.255	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107261	20.698	ug/l	98
40) Benzene	8.33	78	218606	20.442	ug/l	99
41) Methacrylonitrile	7.49	41	14191	16.252	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	62449	19.876	ug/l	100
43) Isopropyl Acetate	8.43	43	58002	19.585	ug/l	99
44) Trichloroethene	9.10	130	66843	20.374	ug/l	95
45) 1,2-Dichloropropane	9.37	63	51838	20.257	ug/l	95
46) Dibromomethane	9.46	93	28708	19.683	ug/l	100
47) Bromodichloromethane	9.65	83	70763	20.012	ug/l	99
48) Methyl methacrylate	9.45	41	28935	20.612	ug/l	96
49) 1,4-Dioxane	9.45	88	9155	407.741	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	143332	96.595	ug/l	99
52) Toluene	10.39	92	148131	20.661	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	70543	20.023	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	81601	20.181	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	40409	19.799	ug/l	97
56) Ethyl methacrylate	10.65	69	48011	19.188	ug/l	98
57) 1,3-Dichloropropane	10.94	76	66193	19.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	89433	93.541	ug/l	99
59) 2-Hexanone	10.98	43	106990	101.008	ug/l	100
60) Dibromochloromethane	11.13	129	49643	19.527	ug/l	100
61) 1,2-Dibromoethane	11.24	107	40065	19.646	ug/l	99
64) Tetrachloroethene	10.87	164	61105	20.556	ug/l	98
65) Chlorobenzene	11.66	112	169681	20.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	59759	20.514	ug/l	100
67) Ethyl Benzene	11.74	91	297109	20.915	ug/l	99
68) m/p-Xylenes	11.85	106	233645	41.612	ug/l	99
69) o-Xylene	12.17	106	110480	20.646	ug/l	100
70) Styrene	12.19	104	178346	20.496	ug/l	100
71) Bromoform	12.35	173	31028	19.096	ug/l #	99
73) Isopropylbenzene	12.47	105	312975	20.540	ug/l	99
74) N-amyl acetate	12.28	43	57422	19.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45848	19.783	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30593m	18.571	ug/l	
77) Bromobenzene	12.76	156	76134	20.400	ug/l	100
78) n-propylbenzene	12.81	91	367284	20.719	ug/l	100
79) 2-Chlorotoluene	12.90	91	206660	20.749	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	266203	20.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13006	18.872	ug/l	98
82) 4-Chlorotoluene	12.99	91	212640	20.380	ug/l	99
83) tert-Butylbenzene	13.21	119	238387	20.743	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	272011	20.927	ug/l	100
85) sec-Butylbenzene	13.39	105	339772	20.927	ug/l	99
86) p-Isopropyltoluene	13.51	119	306613	20.879	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	152884	20.584	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	152424	20.611	ug/l	99
89) n-Butylbenzene	13.83	91	283559	21.113	ug/l	100
90) Hexachloroethane	14.10	117	51242	20.600	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	134451	20.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7865	18.955	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	103508	20.305	ug/l	100
94) Hexachlorobutadiene	15.25	225	67850	21.188	ug/l	100
95) Naphthalene	15.38	128	162788	19.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	88198	20.003	ug/l	99

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

