

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010393.D
 Acq On : 11 May 2019 20:53
 Operator : SY/VA
 Sample : K2719-03MSD
 Misc : 3.48G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS008-0206-01MSD

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 3:44:12 AM

Quant Time: May 12 01:24:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	612092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	938473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	464372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93883	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	491422	75.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.04%	
35) Dibromofluoromethane	7.88	113	372694	67.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.72%	
50) Toluene-d8	10.32	98	793750	35.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.98%	
62) 4-Bromofluorobenzene	12.62	95	147718	18.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.54%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	348515	74.026	ug/l	96
3) Chloromethane	2.21	50	327583	52.282	ug/l	96
4) Vinyl Chloride	2.37	62	566058	72.694	ug/l	98
5) Bromomethane	2.78	94	98417	21.917	ug/l	99
6) Chloroethane	2.92	64	370067	82.179	ug/l	99
7) Trichlorofluoromethane	3.25	101	191531	49.134	ug/l	95
8) Diethyl Ether	3.67	74	335400	97.872	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	316144	49.495	ug/l	98
10) Methyl Iodide	4.27	142	104644	11.569	ug/l	94
11) Tert butyl alcohol	5.18	59	206687	449.752	ug/l	100
12) 1,1-Dichloroethene	4.03	96	363825	54.510	ug/l	94
13) Acrolein	3.88	56	639	1.053	ug/l #	16
14) Allyl chloride	4.65	41	372386	37.377	ug/l	93
15) Acrylonitrile	5.36	53	216253	113.852	ug/l	98
16) Acetone	4.12	43	858777	506.228	ug/l	96
17) Carbon Disulfide	4.37	76	794497	39.358	ug/l	99
18) Methyl Acetate	4.67	43	212012	50.456	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	745919	93.880	ug/l	98
20) Methylene Chloride	4.91	84	589799	83.356	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	437143	60.845	ug/l	97
22) Diisopropyl ether	6.31	45	1672268	86.485	ug/l	93
23) Vinyl Acetate	6.31	43	856189	64.486	ug/l #	76
24) 1,1-Dichloroethane	6.21	63	950338	73.000	ug/l	99
25) 2-Butanone	7.17	43	486147	187.326	ug/l	95
26) 2,2-Dichloropropane	7.16	77	213887	33.022	ug/l	91
27) cis-1,2-Dichloroethene	7.17	96	457308	61.895	ug/l	94
28) Bromochloromethane	7.51	49	345072	71.897	ug/l	99
29) Tetrahydrofuran	7.53	42	688157	409.963	ug/l	96
30) Chloroform	7.67	83	846225	69.458	ug/l	99
31) Cyclohexane	7.95	56	440481	33.046	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	534785	56.669	ug/l	99
36) 1,1-Dichloropropene	8.08	75	461562	45.360	ug/l	99
37) Ethyl Acetate	7.17	43	486147	89.730	ug/l #	1
38) Carbon Tetrachloride	8.06	117	427155	48.971	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.33	83	280738	22.553	ug/l	98
40) Benzene	8.32	78	1441009	51.710	ug/l	100
41) Methacrylonitrile	7.52	41	412524	135.770	ug/l #	49
42) 1,2-Dichloroethane	8.40	62	630785	79.078	ug/l	98
44) Trichloroethene	9.09	130	315473	45.219	ug/l	98
45) 1,2-Dichloropropane	9.37	63	473537	68.361	ug/l	100
46) Dibromomethane	9.46	93	267071	74.631	ug/l	99
47) Bromodichloromethane	9.64	83	487834	56.830	ug/l	99
48) Methyl methacrylate	9.44	41	8293m	1.952	ug/l	
49) 1,4-Dioxane	9.45	88	106002	1698.561	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	1518865	294.795	ug/l	95
52) Toluene	10.39	92	606668	35.617	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	155071	17.834	ug/l	92
54) cis-1,3-Dichloropropene	10.07	75	158021	15.346	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	315447	62.062	ug/l	98
57) 1,3-Dichloropropane	10.93	76	563976	62.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	145132	45.162	ug/l	100
59) 2-Hexanone	10.97	43	466840	128.153	ug/l	96
60) Dibromochloromethane	11.13	129	251019	45.896	ug/l	100
61) 1,2-Dibromoethane	11.24	107	194337	39.829	ug/l	96
64) Tetrachloroethene	10.86	164	179338	55.255	ug/l	99
65) Chlorobenzene	11.66	112	477494	49.673	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	243092	74.821	ug/l	97
67) Ethyl Benzene	11.73	91	808536	45.722	ug/l	100
68) m/p-Xylenes	11.83	106	376620	57.322	ug/l	97
69) o-Xylene	12.17	106	264314	44.471	ug/l	99
70) Styrene	12.18	104	179290	17.312	ug/l #	86
71) Bromoform	12.35	173	110613	59.557	ug/l	97
73) Isopropylbenzene	12.47	105	522883	76.410	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	256286	169.975	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	267328	244.225	ug/l #	100
77) Bromobenzene	12.75	156	137769	89.163	ug/l	83
78) n-propylbenzene	12.80	91	492326	58.251	ug/l	99
79) 2-Chlorotoluene	12.90	91	302520	62.852	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	315759	54.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	5744m	11.851	ug/l	
82) 4-Chlorotoluene	12.99	91	196183	38.901	ug/l	98
83) tert-Butylbenzene	13.21	119	260451	54.126	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	285888	49.869	ug/l	99
85) sec-Butylbenzene	13.38	105	300726	42.335	ug/l	99
86) p-Isopropyltoluene	13.50	119	49007	7.770	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	146017	47.325	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	148594	48.530	ug/l	99
89) n-Butylbenzene	13.83	91	149543	23.647	ug/l	98
90) Hexachloroethane	14.10	117	34008	29.071	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	130160	47.656	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	31155	114.744	ug/l	97
93) 1,2,4-Trichlorobenzene	15.14	180	32607	17.493	ug/l	97
94) Hexachlorobutadiene	15.24	225	21767	18.215	ug/l	97
95) Naphthalene	15.37	128	72757	19.452	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.56	180	27067	16.073	ug/l	99

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

