

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012271.D
 Acq On : 10 Sep 2019 23:23
 Operator : SY/SP
 Sample : VX0910SBSD03
 Misc : 5.00µg/5.0mL/MSVOA X/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 8:59:37 AM

Quant Time: Sep 11 03:09:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	247475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	113570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	97983	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	5.48	113	75174	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	8.71	98	285737	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	121503	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23959	21.240	ug/l	98
3) Chloromethane	1.31	50	21695	21.337	ug/l	100
4) Vinyl Chloride	1.40	62	22118	21.938	ug/l	99
5) Bromomethane	1.62	94	10276	22.610	ug/l	97
6) Chloroethane	1.70	64	14753	21.884	ug/l	98
7) Trichlorofluoromethane	1.91	101	38464	21.080	ug/l	97
8) Diethyl Ether	2.17	74	13791	22.150	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26430	21.492	ug/l	99
10) Methyl Iodide	2.50	142	20502	17.517	ug/l	99
11) Tert butyl alcohol	3.03	59	20357m	92.460	ug/l	
12) 1,1-Dichloroethene	2.36	96	23017	22.047	ug/l	95
13) Acrolein	2.28	56	9360	91.793	ug/l	98
14) Allyl chloride	2.71	41	44233	20.781	ug/l	100
15) Acrylonitrile	3.13	53	42720	110.998	ug/l	99
16) Acetone	2.44	43	40369	87.422	ug/l	99
17) Carbon Disulfide	2.55	76	46248	21.095	ug/l	99
18) Methyl Acetate	2.76	43	22756	23.446	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	89504	21.709	ug/l	97
20) Methylene Chloride	2.84	84	33732	21.935	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	26712	21.445	ug/l	97
22) Diisopropyl ether	3.84	45	104554	21.478	ug/l #	89
23) Vinyl Acetate	3.80	43	310409	103.932	ug/l	99
24) 1,1-Dichloroethane	3.68	63	57194	21.935	ug/l	100
25) 2-Butanone	4.66	43	61762	104.626	ug/l	94
26) 2,2-Dichloropropane	4.56	77	43925	17.943	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	34574	21.500	ug/l	98
28) Bromochloromethane	5.00	49	23180	18.955	ug/l	98
29) Tetrahydrofuran	5.12	42	35704	112.101	ug/l	98
30) Chloroform	5.20	83	62350	21.205	ug/l	98
31) Cyclohexane	5.56	56	38444	21.225	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	52743	20.891	ug/l	98
36) 1,1-Dichloropropene	5.79	75	38243	21.193	ug/l	97
37) Ethyl Acetate	4.82	43	24746	22.184	ug/l	97
38) Carbon Tetrachloride	5.77	117	42746	20.190	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	39559	19.976	ug/l	95
40) Benzene	6.13	78	117462	21.508	ug/l	97
41) Methacrylonitrile	5.03	41	15334	22.298	ug/l	96
42) 1,2-Dichloroethane	6.18	62	47186	21.860	ug/l	100
43) Isopropyl Acetate	6.43	43	50856	21.625	ug/l	99
44) Trichloroethene	7.20	130	31001	20.975	ug/l	98
45) 1,2-Dichloropropane	7.51	63	32595	21.561	ug/l	96
46) Dibromomethane	7.65	93	18086	21.890	ug/l	99
47) Bromodichloromethane	7.89	83	46323	20.545	ug/l	93
48) Methyl methacrylate	7.76	41	24113	21.421	ug/l	97
49) 1,4-Dioxane	7.73	88	7316	481.635	ug/l #	89
51) 4-Methyl-2-Pentanone	8.64	43	132612	106.841	ug/l	99
52) Toluene	8.78	92	77359	21.445	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	44172	19.628	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	49846	19.975	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	27909	21.804	ug/l	96
56) Ethyl methacrylate	9.17	69	37081	21.396	ug/l	99
57) 1,3-Dichloropropane	9.37	76	47801	21.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	93749	105.541	ug/l	99
59) 2-Hexanone	9.49	43	93168	107.956	ug/l	99
60) Dibromochloromethane	9.57	129	30812	20.619	ug/l	100
61) 1,2-Dibromoethane	9.67	107	25995	21.817	ug/l	98
64) Tetrachloroethene	9.33	164	29152	23.726	ug/l	97
65) Chlorobenzene	10.14	112	88356	20.814	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	33703	21.061	ug/l	99
67) Ethyl Benzene	10.25	91	156860	20.776	ug/l	97
68) m/p-Xylenes	10.35	106	116354	41.864	ug/l	100
69) o-Xylene	10.70	106	57370	21.071	ug/l	98
70) Styrene	10.71	104	99991	20.708	ug/l	99
71) Bromoform	10.85	173	16533	19.924	ug/l #	98
73) Isopropylbenzene	11.01	105	156549	20.938	ug/l	98
74) N-amyl acetate	10.89	43	45807	20.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	34293	21.357	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	27004m	18.509	ug/l	
77) Bromobenzene	11.25	156	36358	21.121	ug/l	98
78) n-propylbenzene	11.35	91	186467	20.653	ug/l	100
79) 2-Chlorotoluene	11.42	91	118867	21.250	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	141159	20.994	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8774	18.019	ug/l	94
82) 4-Chlorotoluene	11.51	91	142586	21.210	ug/l	100
83) tert-Butylbenzene	11.76	119	134210	20.557	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	143224	20.606	ug/l	99
85) sec-Butylbenzene	11.94	105	161587	20.743	ug/l	98
86) p-Isopropyltoluene	12.06	119	145009	20.146	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73240	20.887	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	72142	20.346	ug/l	97
89) n-Butylbenzene	12.39	91	139079	19.714	ug/l	99
90) Hexachloroethane	12.59	117	25884	19.524	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	68708	21.182	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6554	19.997	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43794	19.550	ug/l	98
94) Hexachlorobutadiene	13.78	225	22201	19.922	ug/l	97
95) Naphthalene	13.83	128	101209	21.053	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	39440	19.899	ug/l	98

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

