

Data File : VX008783.D
Acq On : 09 Apr 2019 20:05
Operator : JC/SP
Sample : VX0409WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD02

Manual Integrations
APPROVED

MMDadoda
4/10/2019 10:05:23 AM

Quant Time: Apr 10 08:01:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119471	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119927	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	5.50	113	88026	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.71	98	354726	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.13	95	126515	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	32361	16.024	ug/l	98
3) Chloromethane	1.32	50	48811	18.663	ug/l	98
4) Vinyl Chloride	1.41	62	46344	16.975	ug/l	100
5) Bromomethane	1.64	94	23736	18.869	ug/l	98
6) Chloroethane	1.72	64	30273	18.390	ug/l	100
7) Trichlorofluoromethane	1.93	101	52792	17.493	ug/l	99
8) Diethyl Ether	2.19	74	25570	17.867	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33890	17.442	ug/l	98
10) Methyl Iodide	2.51	142	30976	20.106	ug/l	99
11) Tert butyl alcohol	3.04	59	59049	98.563	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36133	17.814	ug/l	99
13) Acrolein	2.29	56	36490	122.836	ug/l	97
14) Allyl chloride	2.73	41	82388	17.743	ug/l	99
15) Acrylonitrile	3.14	53	147657	93.035	ug/l	99
16) Acetone	2.44	43	126726	85.979	ug/l	96
17) Carbon Disulfide	2.57	76	97986	16.229	ug/l	99
18) Methyl Acetate	2.78	43	71272	19.938	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	134777	18.606	ug/l	100
20) Methylene Chloride	2.86	84	43186	17.504	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	37926	17.286	ug/l	96
22) Diisopropyl ether	3.85	45	166360	18.588	ug/l	89
23) Vinyl Acetate	3.81	43	728995	93.634	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79965	18.046	ug/l	99
25) 2-Butanone	4.67	43	218295	93.706	ug/l	99
26) 2,2-Dichloropropane	4.59	77	49849	15.973	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45308	17.962	ug/l	96
28) Bromochloromethane	5.01	49	40209	19.902	ug/l	99
29) Tetrahydrofuran	5.13	42	144700	93.585	ug/l	100
30) Chloroform	5.21	83	72698	18.369	ug/l	100
31) Cyclohexane	5.58	56	76006	17.190	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	57831	18.082	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54531	17.025	ug/l	99
37) Ethyl Acetate	4.84	43	80295	18.781	ug/l	98
38) Carbon Tetrachloride	5.79	117	47027	17.740	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64903	16.403	ug/l	98
40) Benzene	6.14	78	172029	18.029	ug/l	100
41) Methacrylonitrile	5.04	41	46192	18.797	ug/l	98
42) 1,2-Dichloroethane	6.20	62	62443	18.254	ug/l	100
43) Isopropyl Acetate	6.45	43	126799	18.933	ug/l	99
44) Trichloroethene	7.21	130	39263	17.667	ug/l	98
45) 1,2-Dichloropropane	7.51	63	49701	18.249	ug/l	100
46) Dibromomethane	7.66	93	27718	17.548	ug/l	97
47) Bromodichloromethane	7.90	83	54623	18.340	ug/l	96
48) Methyl methacrylate	7.77	41	63748	18.817	ug/l	99
49) 1,4-Dioxane	7.74	88	24741	389.852	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	424632	98.494	ug/l	100
52) Toluene	8.78	92	104128	18.510	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	60315	18.079	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67369	17.673	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42668	18.896	ug/l	98
56) Ethyl methacrylate	9.18	69	77716	19.022	ug/l	99
57) 1,3-Dichloropropane	9.37	76	75020	18.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	195647	93.781	ug/l	99
59) 2-Hexanone	9.49	43	325787	97.237	ug/l	100
60) Dibromochloromethane	9.58	129	39409	18.521	ug/l	99
61) 1,2-Dibromoethane	9.67	107	42663	18.149	ug/l	99
64) Tetrachloroethene	9.34	164	34775	18.017	ug/l	97
65) Chlorobenzene	10.13	112	106925	18.516	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	37192	18.358	ug/l	100
67) Ethyl Benzene	10.25	91	196403	18.240	ug/l	99
68) m/p-Xylenes	10.36	106	139767	36.100	ug/l	99
69) o-Xylene	10.69	106	70185	18.706	ug/l	96
70) Styrene	10.71	104	120081	18.566	ug/l	99
71) Bromoform	10.85	173	29249	18.904	ug/l #	96
73) Isopropylbenzene	11.02	105	184684	18.653	ug/l	100
74) N-amyl acetate	10.90	43	111961	19.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70210	18.646	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	61207m	18.649	ug/l	
77) Bromobenzene	11.26	156	45360	19.057	ug/l	96
78) n-propylbenzene	11.36	91	209532	18.175	ug/l	100
79) 2-Chlorotoluene	11.42	91	126423	18.121	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155596	18.722	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20732	17.413	ug/l	95
82) 4-Chlorotoluene	11.51	91	143915	17.821	ug/l	98
83) tert-Butylbenzene	11.77	119	147355	18.429	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	155811	18.515	ug/l	100
85) sec-Butylbenzene	11.94	105	175107	18.437	ug/l	100
86) p-Isopropyltoluene	12.06	119	156501	18.359	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77916	18.286	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	75978	17.609	ug/l	98
89) n-Butylbenzene	12.38	91	143235	17.917	ug/l	100
90) Hexachloroethane	12.60	117	25596	18.103	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	77549	18.330	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15430	18.628	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54388	18.489	ug/l	99
94) Hexachlorobutadiene	13.78	225	26636	18.881	ug/l	100
95) Naphthalene	13.83	128	184803	18.797	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53785	18.300	ug/l	99

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

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