

Data File : VX008772.D
Acq On : 09 Apr 2019 15:48
Operator : JC/SP
Sample : VX0409WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Manual Integrations
APPROVED

MMDadoda
4/10/2019 10:05:17 AM

Quant Time: Apr 09 16:53:29 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	178348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129628	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	5.50	113	95522	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.71	98	380250	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	132599	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31841	15.510	ug/l	99
3) Chloromethane	1.32	50	45088	16.799	ug/l	99
4) Vinyl Chloride	1.41	62	45061	16.237	ug/l	99
5) Bromomethane	1.64	94	25059	19.524	ug/l	98
6) Chloroethane	1.71	64	28095	16.509	ug/l	99
7) Trichlorofluoromethane	1.93	101	53242	17.355	ug/l	100
8) Diethyl Ether	2.19	74	25611	17.605	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34786	17.612	ug/l	98
10) Methyl Iodide	2.51	142	32577	20.663	ug/l	99
11) Tert butyl alcohol	3.06	59	58937	96.777	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35329	17.135	ug/l	99
13) Acrolein	2.29	56	38027	125.928	ug/l	99
14) Allyl chloride	2.73	41	83546	17.700	ug/l	98
15) Acrylonitrile	3.15	53	150210	93.105	ug/l	100
16) Acetone	2.45	43	138402	92.374	ug/l	97
17) Carbon Disulfide	2.57	76	96905	15.769	ug/l	99
18) Methyl Acetate	2.78	43	69423	19.105	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	138145	18.761	ug/l	98
20) Methylene Chloride	2.85	84	42316	16.873	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	37962	17.022	ug/l	98
22) Diisopropyl ether	3.85	45	167712	18.435	ug/l	# 87
23) Vinyl Acetate	3.82	43	739158	93.395	ug/l	100
24) 1,1-Dichloroethane	3.70	63	81079	18.000	ug/l	99
25) 2-Butanone	4.68	43	226896	95.815	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57039	17.979	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45672	17.812	ug/l	99
28) Bromochloromethane	5.01	49	39730	19.255	ug/l	99
29) Tetrahydrofuran	5.13	42	148851	94.704	ug/l	99
30) Chloroform	5.21	83	73301	18.220	ug/l	97
31) Cyclohexane	5.58	56	76707	17.067	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	59529	18.311	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55436	16.985	ug/l	99
37) Ethyl Acetate	4.84	43	81769	18.770	ug/l	97
38) Carbon Tetrachloride	5.79	117	47739	17.672	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68921	17.094	ug/l	98
40) Benzene	6.14	78	173282	17.821	ug/l	99
41) Methacrylonitrile	5.04	41	47202	18.850	ug/l	99
42) 1,2-Dichloroethane	6.20	62	62371	17.893	ug/l	99
43) Isopropyl Acetate	6.45	43	128528	18.834	ug/l	100
44) Trichloroethene	7.21	130	40079	17.698	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49428	17.810	ug/l	98
46) Dibromomethane	7.66	93	27951	17.365	ug/l	98
47) Bromodichloromethane	7.90	83	54642	18.005	ug/l	99
48) Methyl methacrylate	7.77	41	64721	18.748	ug/l	98
49) 1,4-Dioxane	7.74	88	23913	369.779	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	425773	96.918	ug/l	100
52) Toluene	8.79	92	103745	18.098	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61583	18.115	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	69089	17.786	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42717	18.565	ug/l	99
56) Ethyl methacrylate	9.18	69	77651	18.651	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77132	18.668	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	201276	94.681	ug/l	100
59) 2-Hexanone	9.49	43	328225	96.138	ug/l	99
60) Dibromochloromethane	9.58	129	39711	18.315	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43217	18.041	ug/l	98
64) Tetrachloroethene	9.34	164	35990	18.651	ug/l	99
65) Chlorobenzene	10.14	112	105117	18.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	37261	18.397	ug/l	98
67) Ethyl Benzene	10.25	91	191513	17.790	ug/l	100
68) m/p-Xylenes	10.36	106	136597	35.290	ug/l	100
69) o-Xylene	10.69	106	67513	17.998	ug/l	98
70) Styrene	10.71	104	117523	18.175	ug/l	100
71) Bromoform	10.85	173	28017	18.112	ug/l #	100
73) Isopropylbenzene	11.02	105	181166	18.680	ug/l	100
74) N-amyl acetate	10.90	43	106145	18.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70074	18.999	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	60376m	18.781	ug/l	
77) Bromobenzene	11.26	156	43366	18.600	ug/l	99
78) n-propylbenzene	11.36	91	206165	18.257	ug/l	99
79) 2-Chlorotoluene	11.42	91	123418	18.060	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	151583	18.620	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21605	18.525	ug/l	94
82) 4-Chlorotoluene	11.51	91	140929	17.816	ug/l	99
83) tert-Butylbenzene	11.77	119	141801	18.105	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	154608	18.756	ug/l	99
85) sec-Butylbenzene	11.94	105	171869	18.474	ug/l	98
86) p-Isopropyltoluene	12.06	119	155142	18.580	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74885	17.942	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	74826	17.704	ug/l	99
89) n-Butylbenzene	12.38	91	142653	18.217	ug/l	100
90) Hexachloroethane	12.60	117	24867	17.956	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	74616	18.005	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14637	18.040	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	51550	17.891	ug/l	99
94) Hexachlorobutadiene	13.78	225	26192	18.954	ug/l	99
95) Naphthalene	13.83	128	176829	18.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52322	18.175	ug/l	98

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

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