

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013598.D
 Acq On : 26 Nov 2019 13:55
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 11/27/2019 12:59:43 PM

Quant Time: Nov 26 15:16:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	637269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	966671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	862636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	417218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	42121	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
35) Dibromofluoromethane	5.49	113	31624	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	
50) Toluene-d8	8.71	98	129443	5.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.44%	
62) 4-Bromofluorobenzene	11.14	95	44265	5.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37199	5.122	ug/l	100
3) Chloromethane	1.32	50	41997	5.312	ug/l	98
4) Vinyl Chloride	1.40	62	44629	4.968	ug/l	97
5) Bromomethane	1.63	94	35658	5.787	ug/l	100
6) Chloroethane	1.71	64	28728	5.029	ug/l	98
7) Trichlorofluoromethane	1.92	101	56339	5.357	ug/l	100
8) Diethyl Ether	2.18	74	25833	5.536	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33095	5.566	ug/l	97
10) Methyl Iodide	2.50	142	30887	4.184	ug/l	98
11) Tert butyl alcohol	3.03	59	54582	27.916	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	32973	5.653	ug/l	95
13) Acrolein	2.28	56	16021	14.599	ug/l	99
14) Allyl chloride	2.72	41	59075	5.558	ug/l	98
15) Acrylonitrile	3.13	53	105246	28.581	ug/l	99
16) Acetone	2.43	43	99434	26.751	ug/l	99
17) Carbon Disulfide	2.56	76	87993	5.600	ug/l	99
18) Methyl Acetate	2.76	43	53998	5.239	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	111515	5.752	ug/l	99
20) Methylene Chloride	2.84	84	40574	5.853	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	36401	5.733	ug/l	89
22) Diisopropyl ether	3.84	45	120882	5.921	ug/l #	89
23) Vinyl Acetate	3.80	43	496712	28.523	ug/l	99
24) 1,1-Dichloroethane	3.69	63	64684	5.662	ug/l	98
25) 2-Butanone	4.66	43	149930	27.448	ug/l	95
26) 2,2-Dichloropropane	4.57	77	54281	5.948	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	40297	5.661	ug/l	92
28) Bromochloromethane	5.00	49	15483	4.465	ug/l	97
29) Tetrahydrofuran	5.12	42	92370	27.504	ug/l	97
30) Chloroform	5.20	83	64882	5.759	ug/l	100
31) Cyclohexane	5.57	56	60460	5.835	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	52505	5.427	ug/l	97
36) 1,1-Dichloropropene	5.79	75	49580	6.001	ug/l	99
37) Ethyl Acetate	4.82	43	55495	5.478	ug/l #	93
38) Carbon Tetrachloride	5.78	117	42181	5.255	ug/l	97

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

39) Methylcyclohexane	7.46	83	58964	5.703	ug/l	97
40) Benzene	6.14	78	148530	5.768	ug/l	99
41) Methacrylonitrile	5.03	41	28308	4.985	ug/l #	93
42) 1,2-Dichloroethane	6.18	62	51622	5.632	ug/l	95
43) Isopropyl Acetate	6.43	43	88211	5.581	ug/l	100
44) Trichloroethene	7.21	130	39692	5.590	ug/l	93
45) 1,2-Dichloropropane	7.51	63	37546	5.732	ug/l	99
46) Dibromomethane	7.65	93	24836	5.580	ug/l	98
47) Bromodichloromethane	7.89	83	44358	5.275	ug/l	99
48) Methyl methacrylate	7.76	41	42512	5.408	ug/l	97
49) 1,4-Dioxane	7.74	88	19666	109.542	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	285335	27.683	ug/l	98
52) Toluene	8.78	92	92740	5.809	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	49932	5.410	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	55141	5.331	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	38210	5.799	ug/l	95
56) Ethyl methacrylate	9.17	69	55370	5.429	ug/l	97
57) 1,3-Dichloropropane	9.37	76	63779	5.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	125673	28.510	ug/l	100
59) 2-Hexanone	9.49	43	217472	27.310	ug/l	98
60) Dibromochloromethane	9.57	129	33340	4.945	ug/l	97
61) 1,2-Dibromoethane	9.67	107	38812	5.562	ug/l	100
64) Tetrachloroethene	9.33	164	36643	5.954	ug/l	92
65) Chlorobenzene	10.14	112	101577	5.837	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	35142	5.511	ug/l	98
67) Ethyl Benzene	10.25	91	168804	5.614	ug/l	97
68) m/p-Xylenes	10.35	106	129384	11.407	ug/l	100
69) o-Xylene	10.70	106	63654	5.709	ug/l	98
70) Styrene	10.71	104	101616	5.467	ug/l	97
71) Bromoform	10.85	173	25365	4.916	ug/l #	96
73) Isopropylbenzene	11.01	105	169767	6.128	ug/l	100
74) N-amyl acetate	10.89	43	74458	5.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	59569	5.927	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	53416m	6.153	ug/l	
77) Bromobenzene	11.25	156	44202	5.985	ug/l	98
78) n-propylbenzene	11.35	91	184282	5.984	ug/l	100
79) 2-Chlorotoluene	11.42	91	112268	6.052	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	135135	5.875	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15461	4.702	ug/l	92
82) 4-Chlorotoluene	11.51	91	125909	5.804	ug/l	99
83) tert-Butylbenzene	11.77	119	136502	5.905	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	138793	6.021	ug/l	97
85) sec-Butylbenzene	11.94	105	152863	5.740	ug/l	100
86) p-Isopropyltoluene	12.06	119	145465	5.938	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	75545	5.755	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76720	5.743	ug/l	96
89) n-Butylbenzene	12.39	91	115785	5.434	ug/l	98
90) Hexachloroethane	12.59	117	25377	5.806	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	76608	5.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11726	4.837	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47508	5.200	ug/l	99
94) Hexachlorobutadiene	13.78	225	24676	5.573	ug/l	97
95) Naphthalene	13.83	128	141144	4.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	48540	5.325	ug/l	99

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

