

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016748.D
 Acq On : 15 Jun 2020 11:55
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:09 PM

Quant Time: Jun 15 12:50:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	381226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	350691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	175245	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	54313	17.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.26%	
35) Dibromofluoromethane	5.47	113	43507	18.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.18%	
50) Toluene-d8	8.70	98	167112	18.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.98%	
62) 4-Bromofluorobenzene	11.12	95	59771	17.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.18%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	59317	23.348	ug/l	99
3) Chloromethane	1.31	50	54152	18.260	ug/l	98
4) Vinyl Chloride	1.39	62	60709	19.257	ug/l	99
5) Bromomethane	1.63	94	39954	25.097	ug/l	93
6) Chloroethane	1.71	64	35881	19.458	ug/l	100
7) Trichlorofluoromethane	1.92	101	87931	20.859	ug/l	95
8) Diethyl Ether	2.17	74	32506	18.834	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45621	19.960	ug/l	98
10) Methyl Iodide	2.49	142	47565	19.051	ug/l	100
11) Tert butyl alcohol	3.01	59	65984	84.833	ug/l	98
12) 1,1-Dichloroethene	2.36	96	48561	20.031	ug/l	99
13) Acrolein	2.27	56	28058	83.791	ug/l	97
14) Allyl chloride	2.71	41	73035	16.842	ug/l	100
15) Acrylonitrile	3.11	53	137187	85.825	ug/l	99
16) Acetone	2.42	43	118872	88.936	ug/l	98
17) Carbon Disulfide	2.55	76	135788	18.995	ug/l	100
18) Methyl Acetate	2.75	43	69245	19.824	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	161678	18.801	ug/l	100
20) Methylene Chloride	2.84	84	52278	18.611	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	50823	19.047	ug/l	98
22) Diisopropyl ether	3.82	45	144829	17.459	ug/l	98
23) Vinyl Acetate	3.78	43	604038	83.803	ug/l	100
24) 1,1-Dichloroethane	3.67	63	87475	18.394	ug/l	98
25) 2-Butanone	4.64	43	188128	84.023	ug/l	97
26) 2,2-Dichloropropane	4.55	77	82988	20.703	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	57179	18.615	ug/l	99
28) Bromochloromethane	4.98	49	37642	17.150	ug/l #	97
29) Tetrahydrofuran	5.09	42	118948	82.357	ug/l	99
30) Chloroform	5.18	83	92421	19.126	ug/l	98
31) Cyclohexane	5.55	56	72310	17.078	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	88538	20.110	ug/l	99
36) 1,1-Dichloropropene	5.77	75	68530	19.198	ug/l	99
37) Ethyl Acetate	4.79	43	72196	17.240	ug/l	99
38) Carbon Tetrachloride	5.75	117	78939	20.759	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74933	19.244	ug/l	96
40) Benzene	6.12	78	206408	19.461	ug/l	98
41) Methacrylonitrile	5.00	41	38115	16.567	ug/l	99
42) 1,2-Dichloroethane	6.16	62	74114	19.624	ug/l	100
43) Isopropyl Acetate	6.41	43	112138	17.122	ug/l	100
44) Trichloroethene	7.19	130	62458	18.535	ug/l	97
45) 1,2-Dichloropropane	7.49	63	49937	18.590	ug/l	98
46) Dibromomethane	7.64	93	35574	19.518	ug/l	98
47) Bromodichloromethane	7.88	83	73931	19.572	ug/l	100
48) Methyl methacrylate	7.74	41	53262	17.019	ug/l	99
49) 1,4-Dioxane	7.71	88	25030	338.720	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	353963	87.010	ug/l	100
52) Toluene	8.76	92	133096	19.805	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	82625	19.236	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	87638	19.349	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	51929	19.388	ug/l	94
56) Ethyl methacrylate	9.16	69	76998	17.888	ug/l	100
57) 1,3-Dichloropropane	9.35	76	87011	19.082	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	190570	84.893	ug/l	100
59) 2-Hexanone	9.47	43	275154	87.086	ug/l	100
60) Dibromochloromethane	9.57	129	60462	19.894	ug/l	100
61) 1,2-Dibromoethane	9.65	107	56948	19.779	ug/l	99
64) Tetrachloroethene	9.32	164	70463	18.436	ug/l	100
65) Chlorobenzene	10.12	112	140794	19.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	55845	20.423	ug/l	98
67) Ethyl Benzene	10.24	91	240513	19.160	ug/l	99
68) m/p-Xylenes	10.34	106	185072	39.553	ug/l	98
69) o-Xylene	10.68	106	87321	19.255	ug/l	99
70) Styrene	10.70	104	152536	19.616	ug/l	99
71) Bromoform	10.84	173	47069	20.459	ug/l #	99
73) Isopropylbenzene	11.00	105	235017	19.560	ug/l	100
74) N-amyl acetate	10.88	43	88009	16.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	65827	21.611	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	73312m	19.387	ug/l	
77) Bromobenzene	11.24	156	64093	20.191	ug/l	98
78) n-propylbenzene	11.34	91	254986	19.078	ug/l	100
79) 2-Chlorotoluene	11.40	91	157634	19.300	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	199360	19.884	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	28174	18.367	ug/l	98
82) 4-Chlorotoluene	11.49	91	186666	19.408	ug/l	100
83) tert-Butylbenzene	11.76	119	179904	20.787	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	200543	19.785	ug/l	99
85) sec-Butylbenzene	11.93	105	214515	19.883	ug/l	100
86) p-Isopropyltoluene	12.05	119	202215	19.963	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	110200	20.092	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	111592	19.893	ug/l	98
89) n-Butylbenzene	12.37	91	159778	19.011	ug/l	99
90) Hexachloroethane	12.58	117	36304	20.680	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	108094	20.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17748	18.286	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	72610	20.455	ug/l	100
94) Hexachlorobutadiene	13.76	225	32517	22.524	ug/l	98
95) Naphthalene	13.82	128	233941	19.368	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	73906	21.076	ug/l	98

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

