

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016771.D
 Acq On : 16 Jun 2020 12:06
 Operator : JC/SP
 Sample : VX0616WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:34:35 AM

Quant Time: Jun 17 04:13:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	283269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	418154	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	387071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	153980	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.66%		
35) Dibromofluoromethane	5.46	113	125812	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.54%		
50) Toluene-d8	8.70	98	490046	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.02%		
62) 4-Bromofluorobenzene	11.12	95	178338	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.02%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	63377	19.892	ug/l	99
3) Chloromethane	1.32	50	57746	18.675	ug/l	99
4) Vinyl Chloride	1.39	62	63542	19.258	ug/l	98
5) Bromomethane	1.63	94	41469	20.237	ug/l	97
6) Chloroethane	1.72	64	39107	19.241	ug/l	99
7) Trichlorofluoromethane	1.92	101	91815	19.321	ug/l	96
8) Diethyl Ether	2.17	74	33153	17.084	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51582	21.335	ug/l	95
10) Methyl Iodide	2.49	142	48648	16.098	ug/l	98
11) Tert butyl alcohol	3.01	59	65602	81.957	ug/l	99
12) 1,1-Dichloroethene	2.36	96	51640	18.652	ug/l	98
13) Acrolein	2.27	56	28405	84.880	ug/l	98
14) Allyl chloride	2.71	41	78542	18.138	ug/l	99
15) Acrylonitrile	3.11	53	144697	89.086	ug/l	99
16) Acetone	2.42	43	114483	79.211	ug/l	98
17) Carbon Disulfide	2.55	76	141869	17.892	ug/l	99
18) Methyl Acetate	2.75	43	73788	19.127	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	169137	17.924	ug/l	97
20) Methylene Chloride	2.84	84	55132	17.709	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	53366	17.937	ug/l	98
22) Diisopropyl ether	3.82	45	153302	18.848	ug/l	98
23) Vinyl Acetate	3.78	43	643488	91.534	ug/l	100
24) 1,1-Dichloroethane	3.67	63	92163	18.117	ug/l	99
25) 2-Butanone	4.63	43	190971	87.674	ug/l	99
26) 2,2-Dichloropropane	4.55	77	86920	18.453	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	60701	17.850	ug/l	99
28) Bromochloromethane	4.98	49	39115	18.025	ug/l	98
29) Tetrahydrofuran	5.09	42	125035	88.610	ug/l	100
30) Chloroform	5.18	83	96718	17.971	ug/l	97
31) Cyclohexane	5.54	56	79731	19.888	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	91221	18.679	ug/l	100
36) 1,1-Dichloropropene	5.77	75	74426	20.141	ug/l	98
37) Ethyl Acetate	4.79	43	75882	18.751	ug/l	100
38) Carbon Tetrachloride	5.76	117	81414	19.399	ug/l	99

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39) Methylcyclohexane	7.44	83	83398	20.044	ug/l	98
40) Benzene	6.11	78	215231	19.130	ug/l	99
41) Methacrylonitrile	5.00	41	41207	19.097	ug/l	98
42) 1,2-Dichloroethane	6.17	62	76881	18.722	ug/l	99
43) Isopropyl Acetate	6.41	43	118349	18.660	ug/l	99
44) Trichloroethene	7.19	130	76571	22.002	ug/l	98
45) 1,2-Dichloropropane	7.49	63	53107	19.255	ug/l	96
46) Dibromomethane	7.64	93	37199	18.505	ug/l	99
47) Bromodichloromethane	7.87	83	77736	18.549	ug/l	100
48) Methyl methacrylate	7.74	41	56699	18.861	ug/l	98
49) 1,4-Dioxane	7.71	88	25952	348.851	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	376621	96.364	ug/l	99
52) Toluene	8.76	92	140278	19.195	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	87114	18.404	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	91943	18.622	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54655	18.596	ug/l	99
56) Ethyl methacrylate	9.16	69	82229	18.687	ug/l	100
57) 1,3-Dichloropropane	9.35	76	91913	18.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	208666	96.442	ug/l	100
59) 2-Hexanone	9.47	43	284734	94.374	ug/l	99
60) Dibromochloromethane	9.57	129	65116	18.746	ug/l	100
61) 1,2-Dibromoethane	9.65	107	58781	18.351	ug/l	97
64) Tetrachloroethene	9.32	164	87933	23.658	ug/l	97
65) Chlorobenzene	10.12	112	150431	19.153	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	59065	18.851	ug/l	99
67) Ethyl Benzene	10.23	91	259188	19.521	ug/l	98
68) m/p-Xylenes	10.34	106	197458	39.223	ug/l	98
69) o-Xylene	10.68	106	95190	19.627	ug/l	100
70) Styrene	10.70	104	161373	19.247	ug/l	99
71) Bromoform	10.84	173	49958	18.688	ug/l #	98
73) Isopropylbenzene	11.00	105	255128	20.192	ug/l	99
74) N-amyl acetate	10.88	43	98303	20.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	52319	14.077	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	79673m	19.675	ug/l	
77) Bromobenzene	11.24	156	68780	19.279	ug/l	99
78) n-propylbenzene	11.34	91	277937	20.256	ug/l	100
79) 2-Chlorotoluene	11.40	91	171581	19.775	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	217266	20.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	29152	18.123	ug/l	96
82) 4-Chlorotoluene	11.49	91	199504	19.643	ug/l	99
83) tert-Butylbenzene	11.76	119	181421	18.719	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	214295	20.000	ug/l	99
85) sec-Butylbenzene	11.93	105	229006	20.201	ug/l	100
86) p-Isopropyltoluene	12.05	119	219254	20.157	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117656	19.508	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	117425	18.774	ug/l	99
89) n-Butylbenzene	12.37	91	182634	20.339	ug/l	100
90) Hexachloroethane	12.58	117	38121	19.005	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	113290	18.783	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18517	17.816	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78727	18.639	ug/l	98
94) Hexachlorobutadiene	13.76	225	35202	19.196	ug/l	96
95) Naphthalene	13.82	128	246329	18.616	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76405	18.378	ug/l	95

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

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