

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008167.D
 Acq On : 18 Mar 2019 15:40
 Operator : JC/SP
 Sample : K1825-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 9:37:22 AM

Quant Time: Mar 19 12:03:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	68936	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	389630	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	344637	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	171981	29.99	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.97%
60) 4-Bromofluorobenzene	11.13	95	172591	30.01	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.03%
63) Toluene-d8	8.71	98	502390	30.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.00%

Target Compounds

					Ovalue
3) Chloromethane	1.33	50	218838	56.204	ug/l 98
6) Chloroethane	1.73	64	128816	51.323	ug/l 97
7) Trichlorofluoromethane	1.93	101	500179	98.941	ug/l 97
15) Acetone	2.44	58	107498	142.215	ug/l 89
18) Methylene Chloride	2.86	84	400613	106.138	ug/l 87
22) cis-1,2-Dichloroethene	4.60	96	457417	115.298	ug/l 94
24) Methyl tert-Butyl Ether	3.20	73	985828	83.893	ug/l 97
25) Chloroform	5.21	83	88568	13.268	ug/l 98
30) 2-Butanone	4.67	43	394901	108.636	ug/l 93
33) Carbon Tetrachloride	5.78	117	234485	50.869	ug/l 96
34) Benzene	6.14	78	288390	18.598	ug/l 98
36) 1,2-Dichloroethane	6.19	62	666966	118.504	ug/l 96
37) Trichloroethene	7.21	130	110359	29.866	ug/l 84
40) Dibromomethane	7.66	93	66897	25.873	ug/l 90
41) Bromodichloromethane	7.90	83	104438	20.889	ug/l 99
48) t-1,3-Dichloropropene	9.04	75	91577	16.572	ug/l 99
49) cis-1,3-Dichloropropene	8.43	75	386826	62.921	ug/l 94
50) 1,1,2-Trichloroethane	9.21	97	369573	99.555	ug/l 97
53) Dibromochloromethane	9.58	129	72203	20.115	ug/l 99
54) 1,2-Dibromoethane	9.67	107	340382	87.854	ug/l 97
56) Bromoform	10.85	173	85388	33.064	ug/l # 98
58) 4-Methyl-2-Pentanone	8.64	43	1200772	182.177	ug/l 96
59) 2-Hexanone	9.49	43	513105	98.667	ug/l 97
61) Tetrachloroethene	9.34	164	69604	20.054	ug/l 96
62) Toluene	8.78	91	552895	33.922	ug/l 98
64) Chlorobenzene	10.14	112	756501	77.986	ug/l 100
65) 1,1,1,2-Tetrachloroethane	10.22	131	297486	87.458	ug/l 98
66) Ethyl Benzene	10.25	91	875876	50.313	ug/l 95
67) m/p-Xylenes	10.36	106	489138	76.058	ug/l 90
68) o-Xylene	10.69	106	768275	124.318	ug/l 91
69) Styrene	10.71	104	866954m	86.124	ug/l
71) 1,1,2,2-Tetrachloroethane	11.27	83	559400	95.838	ug/l 97
72) 1,2,3-Trichloropropane	11.29	75	109535	21.761	ug/l 89
83) 1,3-Dichlorobenzene	12.02	146	617915	87.410	ug/l 95
87) 1,2-Dichlorobenzene	12.39	146	374997	53.237	ug/l 97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	56044	43.358	ug/l # 77
89) 1,2,4-Trichlorobenzene	13.65	180	459966	100.245	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachlorobutadiene	13.78	225	217874	91.500	ug/l	98
91) Naphthalene	13.83	128	561159	37.759	ug/l	99

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

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