

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022097.D
 Acq On : 19 May 2021 18:55
 Operator : JC/MD
 Sample : VIBLK01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK01

Quant Time: May 20 04:23:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	80876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	162911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	139730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53245	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	62389	50.01	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.02%
35) Dibromofluoromethane	5.397	113	50592	48.97	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.94%
50) Toluene-d8	8.653	98	195424	49.11	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.22%
62) 4-Bromofluorobenzene	11.085	95	66503	45.21	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.42%

Target Compounds					Qvalue	
3) Chloromethane	1.294	50	130	0.12	ug/l #	81
4) Vinyl Chloride	1.386	62	94	0.08	ug/l #	43
6) Chloroethane	1.874	64	42	0.06	ug/l #	43
8) Diethyl Ether	1.941	74	24	0.03	ug/l #	1
11) Tert butyl alcohol	2.947	59	50	0.18	ug/l #	73
14) Allyl chloride	2.672	41	108	0.06	ug/l #	47
18) Methyl Acetate	2.709	43	137	0.09	ug/l #	47
21) trans-1,2-Dichloroethene	3.099	96	99	0.10	ug/l #	49
22) Diisopropyl ether	3.770	45	25	0.01	ug/l #	27
23) Vinyl Acetate	3.727	43	279	0.09	ug/l #	68
25) 2-Butanone	4.562	43	49	0.06	ug/l #	45
29) Tetrahydrofuran	5.019	42	21	0.04	ug/l #	27
30) Chloroform	5.099	83	47	0.02	ug/l #	18
37) Ethyl Acetate	4.727	43	48	0.03	ug/l #	64
39) Methylcyclohexane	7.379	83	29	0.02	ug/l #	19
40) Benzene	6.050	78	111	0.02	ug/l #	52
41) Methacrylonitrile	4.885	41	43	0.04	ug/l #	21
42) 1,2-Dichloroethane	6.092	62	116	0.07	ug/l #	73
43) Isopropyl Acetate	6.147	43	51	0.02	ug/l #	57
44) Trichloroethene	7.129	130	30	0.03	ug/l	1
48) Methyl methacrylate	7.690	41	27	0.02	ug/l #	10
51) 4-Methyl-2-Pentanone	8.592	43	47	0.03	ug/l #	32
52) Toluene	8.732	92	62	0.02	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	136	0.07	ug/l #	44
54) cis-1,3-Dichloropropene	8.372	75	52	0.03	ug/l #	36
59) 2-Hexanone	9.519	43	97	0.07	ug/l #	19
60) Dibromochloromethane	9.275	129	31	0.03	ug/l #	11
65) Chlorobenzene	10.086	112	293	0.10	ug/l	91
67) Ethyl Benzene	10.195	91	311	0.06	ug/l #	89
68) m/p-Xylenes	10.299	106	264	0.13	ug/l #	50
69) o-Xylene	10.646	106	19	0.01	ug/l #	1
70) Styrene	10.665	104	168	0.05	ug/l #	55
73) Isopropylbenzene	10.963	105	310	0.07	ug/l #	49
74) N-amyl acetate	11.049	43	71	0.03	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	11.085	83	69	0.05	ug/l #	22
77) Bromobenzene	11.201	156	116	0.12	ug/l #	58

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	11.457	91	527	0.10	ug/l	99
79) 2-Chlorotoluene	11.457	91	527	0.16	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	324	0.09	ug/l	86
82) 4-Chlorotoluene	11.457	91	527	0.14	ug/l	96
83) tert-Butylbenzene	11.719	119	203	0.06	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.762	105	410	0.11	ug/l #	62
85) sec-Butylbenzene	11.896	105	522	0.11	ug/l	93
86) p-Isopropyltoluene	12.012	119	465	0.12	ug/l #	67
87) 1,3-Dichlorobenzene	11.976	146	318	0.17	ug/l	84
88) 1,4-Dichlorobenzene	11.976	146	318	0.17	ug/l	85
89) n-Butylbenzene	12.335	91	633	0.18	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	206	0.12	ug/l	85
95) Naphthalene	13.780	128	733	0.18	ug/l #	73

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

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