

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036625.D
 Acq On : 24 Jul 2023 12:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 25 06:35:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	176928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	314372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118650	45.322	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.640%
35) Dibromofluoromethane	5.385	113	99971	46.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	377858	49.311	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	145098	50.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.380%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.294	85	20	0.009	ug/l #	41
3) Chloromethane	1.294	50	315	0.148	ug/l #	83
4) Vinyl Chloride	1.374	62	99	0.046	ug/l #	45
6) Chloroethane	1.697	64	95	0.090	ug/l #	1
7) Trichlorofluoromethane	1.892	101	54	0.016	ug/l #	48
8) Diethyl Ether	1.916	74	50	0.039	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.331	101	137	0.068	ug/l #	33
10) Methyl Iodide	2.453	142	245	0.117	ug/l #	56
12) 1,1-Dichloroethene	2.325	96	180	0.091	ug/l #	48
14) Allyl chloride	2.648	41	86	0.022	ug/l #	45
18) Methyl Acetate	2.703	43	568	0.124	ug/l #	53
21) trans-1,2-Dichloroethene	3.105	96	250	0.113	ug/l #	55
22) Diisopropyl ether	3.764	45	65	0.009	ug/l #	56
23) Vinyl Acetate	3.739	43	442	0.078	ug/l #	73
25) 2-Butanone	4.550	43	145	0.082	ug/l #	51
26) 2,2-Dichloropropane	4.489	77	26	0.007	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	147	0.056	ug/l	45
29) Tetrahydrofuran	5.001	42	153	0.135	ug/l #	48
30) Chloroform	5.117	83	270	0.064	ug/l #	19
31) Cyclohexane	5.458	56	236	0.065	ug/l #	7
32) 1,1,1-Trichloroethane	5.599	97	47	0.012	ug/l #	23
37) Ethyl Acetate	4.721	43	38	0.010	ug/l #	69
39) Methylcyclohexane	7.379	83	287	0.072	ug/l #	58
40) Benzene	6.031	78	164	0.018	ug/l #	51
41) Methacrylonitrile	4.897	41	101	0.052	ug/l #	25
42) 1,2-Dichloroethane	6.092	62	286	0.083	ug/l #	77
43) Isopropyl Acetate	6.330	43	59	0.009	ug/l #	62
44) Trichloroethene	7.129	130	100	0.041	ug/l	54
46) Dibromomethane	7.586	93	28	0.016	ug/l #	7
47) Bromodichloromethane	7.824	83	49	0.014	ug/l #	26
48) Methyl methacrylate	7.696	41	146	0.050	ug/l #	34
51) 4-Methyl-2-Pentanone	8.574	43	345	0.099	ug/l #	37
52) Toluene	8.720	92	203	0.035	ug/l #	12
53) t-1,3-Dichloropropene	8.988	75	232	0.057	ug/l #	42
54) cis-1,3-Dichloropropene	8.366	75	147	0.034	ug/l #	90
56) Ethyl methacrylate	9.122	69	281	0.070	ug/l #	36

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

57) 1,3-Dichloropropane	9.311	76	59	0.014	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.257	63	127	0.064	ug/l #	47
59) 2-Hexanone	9.439	43	292	0.113	ug/l	98
60) Dibromochloromethane	9.269	129	129	0.048	ug/l #	11
61) 1,2-Dibromoethane	9.616	107	84	0.033	ug/l #	62
64) Tetrachloroethene	9.275	164	112	0.052	ug/l #	84
65) Chlorobenzene	10.079	112	402	0.063	ug/l #	76
67) Ethyl Benzene	10.195	91	522	0.045	ug/l	93
68) m/p-Xylenes	10.305	106	509	0.117	ug/l	98
69) o-Xylene	10.646	106	119	0.027	ug/l #	1
70) Styrene	10.659	104	416	0.058	ug/l #	84
73) Isopropylbenzene	10.963	105	603	0.056	ug/l	82
74) N-amyl acetate	10.842	43	318	0.063	ug/l #	35
75) 1,1,2,2-Tetrachloroethane	11.226	83	93	0.025	ug/l #	26
77) Bromobenzene	11.207	156	121	0.049	ug/l #	11
78) n-propylbenzene	11.305	91	1086	0.087	ug/l	90
79) 2-Chlorotoluene	11.366	91	667	0.088	ug/l	78
80) 1,3,5-Trimethylbenzene	11.451	105	564	0.062	ug/l	91
82) 4-Chlorotoluene	11.457	91	920	0.106	ug/l	88
83) tert-Butylbenzene	11.719	119	543	0.061	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	636	0.070	ug/l	89
85) sec-Butylbenzene	11.890	105	994	0.089	ug/l	96
86) p-Isopropyltoluene	12.006	119	781	0.085	ug/l #	18
87) 1,3-Dichlorobenzene	11.969	146	592	0.129	ug/l	89
88) 1,4-Dichlorobenzene	11.969	146	592	0.130	ug/l	90
89) n-Butylbenzene	12.335	91	1250	0.153	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	470	0.107	ug/l	88

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

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