

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038622.D
 Acq On : 27 Oct 2023 23:55
 Operator : JC/MD
 Sample : VIBLK621
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK621

Quant Time: Oct 28 04:37:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	412021	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	396056	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	208732	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	137049	49.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.540%
7) Chloroethane-d5	1.672	69	107902	49.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.920%
11) 1,1-Dichloroethene-d2	2.306	65	57751	46.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.360%
21) 2-Butanone-d5	4.452	46	227422	104.977	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.980%
24) Chloroform-d	5.056	84	274337	48.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.180%
26) 1,2-Dichloroethane-d4	5.958	65	181294	50.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.280%
32) Benzene-d6	5.977	84	550440	51.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.780%
36) 1,2-Dichloropropane-d6	7.306	67	163543	52.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.040%
41) Toluene-d8	8.647	98	515750	48.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.580%
43) trans-1,3-Dichloroprop...	8.952	79	76416	50.224	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.440%
47) 2-Hexanone-d5	9.384	63	196968	108.160	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.160%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	261880	51.580	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.160%
66) 1,2-Dichlorobenzene-d4	12.317	152	212535	51.858	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	2748	0.838	ug/L	96
5) Vinyl chloride	1.374	62	2865	1.025	ug/L #	1
9) Trichlorofluoromethane	1.886	101	3791	0.829	ug/L	100
12) 1,1-Dichloroethene	2.313	96	3683	1.435	ug/L #	1
14) Carbon disulfide	2.514	76	20035	2.844	ug/L	99
17) trans-1,2-Dichloroethene	3.099	96	3670	1.382	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	2668	0.868	ug/L	95
25) Chloroform	5.093	83	6776	1.312	ug/L	93
31) Carbon tetrachloride	5.678	117	2297	0.581	ug/L #	46
35) Methylcyclohexane	7.385	83	3474	0.787	ug/L	94
44) trans-1,3-Dichloropropene	8.982	75	3223	0.836	ug/L	94
46) Tetrachloroethene	9.275	164	2604	1.029	ug/L	88
51) Chlorobenzene	10.079	112	6853	0.851	ug/L	99
52) Ethylbenzene	10.195	91	10180	0.769	ug/L	100
53) m,p-Xylene	10.305	106	4105	0.783	ug/L	91
54) o-Xylene	10.646	106	3318	0.653	ug/L	82
55) Styrene	10.665	104	5956	0.689	ug/L	90
60) Isopropylbenzene	10.963	105	9646	0.764	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	8199	0.778	ug/L	97

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63) 1,2,4-Trimethylbenzene	11.756	105	8671	0.835	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	7919	1.264	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	8999	1.394	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	6770	1.101	ug/L #	91
70) 1,2,4-trichlorobenzene	13.591	180	8840	2.089	ug/L	96
72) 1,2,3-Trichlorobenzene	13.963	180	8540	2.070	ug/L	93

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

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